



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SES-00848

Wednesday August 23, 2006

## SATELLITE COMMUNICATIONS SERVICES

### RE: SATELLITE RADIO APPLICATIONS ACCEPTED FOR FILING

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

SES-AMD-20060724-01240 E E060134 ARIZONA PUBLIC SERVICES COMPANY

Amendment

Class of Station: VSAT Network

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

This Amendment is associated with a pending License Application SES-LIC-20060719-01198 refiling.

SITE ID: HUB

LOCATION: WESTWING SUBSTATION, 3 MILES NE OF (3.8M. HUB), MARICOPA, SUN CITY WEST, AZ

33 ° 42 ' 28.80 " N LAT.

112 ° 19 ' 19.60 " W LONG.

ANTENNA ID: P-3.8M. 3.8 meters PRODELIN 1383-350

11700.0000 - 12200.0000 MHz 1M00G7D NULL

14000.0000 - 14500.0000 MHz 1M00G7D 44.80 dBW Up to 9.6 kbps; Direct Sequence Spread Spectrum; 255 Chips/symbol; Up to 1 MegaChips/symbol; BPSK modulation; Rate 1/2 FEC; 0.7 Mbps RF transmission rate; CDMA

SITE ID: REMOTE1

LOCATION: VSAT 0.26M. (100 UNITS) CDMA TERMINAL, STATEWIDE, AZ

ANTENNA ID: LDR-FA3 0.26 meters MICA-TECH 508009B

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14000.0000 - 14500.0000 MHz	1M00G7D	32.00 dBW	Up to 9.6 kbps; Direct Sequence Spread Spectrum; 1020 Chips/symbol; Up to 2 MegaChips/symbol; BPSK modulation; Rate 1/2 FEC; 1.3 Mbps RF transmission rate; CDMA
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11700.0000 - 12200.0000 MHz	1M00G7D	NULL
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SITE ID: REMOTE2

LOCATION: VSAT 0.52M. (100 UNITS) CDMA TERMINAL, STATEWIDE, AZ

ANTENNA ID: LDR-FA2	0.52 meters	MICA-TECH	508018B
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14000.0000 - 14500.0000 MHz	1M00G7D	39.00 dBW	Up to 9.6 kbps; Direct Sequence Spread Spectrum; 1020 Chips/symbol; Up to 2 MegaChips/symbol; BPSK modulation; Rate 1/2 FEC; 1.3 Mbps RF transmission rate; CDMA
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11700.0000 - 12200.0000 MHz	1M00G7D	NULL
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**Points of Communication:**

HUB - ALSAT - (ALSAT)

REMOTE1 - ALSAT - (ALSAT)

REMOTE2 - ALSAT - (ALSAT)

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**SES-AMD-20060811-01371** E E010151 WB Holdings 1 LLC

Amendment

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Amendment to add supplemental technical information to pending modification application File No. SES-MFS-20060424-00701, and to add the Canadian-licensed Ka-band satellite, WildBlue-1 at the 111.1 degrees W.L. orbital location as a point of communication. WildBlue also request a waiver of the cross-polarization isolation requirements of 47 C.F.R. §25.210(i).

See File No. SES-MFS-20060424-00701.

SITE ID: GES-2

LOCATION: 460 PROGRESS CIRCLE, LARAMIE, CHEYENNE, WY

41 ° 7 ' 51.60 " N LAT.

104 ° 44 ' 17.90 " W LONG.

ANTENNA ID: GES-2-B	5.6 meters	ANDREW CORPORATION, INC.	ES-56-KA-1
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18300.0000 - 1880.0000 MHz	1M60G7W	PSK, DATA, INTERNET
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18300.0000 - 18800.0000 MHz	200KG7W	PSK, DATA, INTERNET
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18300.0000 - 18800.0000 MHz	400KG7W	PSK, DATA, INTERNET
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18300.0000 - 18800.0000 MHz	800KG7W		PSK, DATA, INTERNET
19700.0000 - 20200.0000 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
28350.0000 - 28600.0000 MHz	22M5G7W	74.20 dBW	PSK, DATA, INTERNET
29250.0000 - 29500.0000 MHz	22M5G7W	74.20 dBW	PSK, DATA, INTERNET
29500.0000 - 30000.0000 MHz	22M5G7W	74.20 dBW	PSK, DATA, INTERNET
ANTENNA ID: GES-2-A	8.1 meters	ANDREW CORPORATION, INC.	ES-81-KA-1
18300.0000 - 18800.0000 MHz	1M60G7W		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
28350.0000 - 28600.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA, INTERNET
29250.0000 - 29500.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA, INTERNET
ANTENNA ID: GES-2-C	8.1 meters	ANDREW CORPORATION, INC.	ES-81-KA-1
18300.0000 - 18800.0000 MHz	1M60G7W		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
28350.0000 - 28600.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA, INTERNET
29250.0000 - 29500.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA, INTERNET

**Points of Communication:**

GES-2 - ANIK-F2 - (111.1 W.L.)

GES-2 - WILDBLUE 1 - (109.2 W.L.)

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GES-2 - WILDBLUE 1 - (111.1 W.L.)

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SES-AMD-20060814-01368 E E040213 WB Holdings 1 LLC

Amendment

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Amendment to add supplemental technical information to pending modification application File No. SES-MFS-20060424-00702, and to add the Canadian-licensed Ka-band satellite, WildBlue-1 at the 111.1 degrees W.L. orbital location as a point of communication. WildBlue also request a waiver of the cross-polarization isolation requirements of 47 C.F.R. §25.210(i).

See File No. SES-MFS-20060424-00702.

SITE ID: GES-1

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

33 ° 47 ' 47.10 " N LAT.

117 ° 5 ' 20.40 " W LONG.

ANTENNA ID:	GES-1-A	8.1 meters	Andrew Corporation, Inc.	ES-81-KA-1
	29250.0000 - 29500.0000 MHz	22M5G7W	77.20 dBW	PSK, Data & Internet
	28350.0000 - 28600.0000 MHz	22M5G7W	77.20 dBW	PSK, Data & Internet
	18300.0000 - 18800.0000 MHz	1M60G7W	0.00 dBW	PSK, Data & Internet
	18300.0000 - 18800.0000 MHz	200KG7W	0.00 dBW	PSK, Data & Internet
	18300.0000 - 18800.0000 MHz	400KG7W	0.00 dBW	PSK, Data & Internet
	18300.0000 - 18800.0000 MHz	800KG7W	0.00 dBW	PSK, Data & Internet
ANTENNA ID:	GES-1-B	5.6 meters	Andrew Corporation, Inc.	ES-56-KA-1
	29500.0000 - 30000.0000 MHz	22M5G7W	74.20 dBW	PSK, Data & Internet
	29250.0000 - 29500.0000 MHz	22M5G7W	74.20 dBW	PSK, Data & Internet
	28350.0000 - 28600.0000 MHz	22M5G7W	74.20 dBW	PSK, Data & Internet
	19700.0000 - 20200.0000 MHz	200KG7W	0.00 dBW	PSK, Data & Internet
	19700.0000 - 20200.0000 MHz	400KG7W	0.00 dBW	PSK, Data & Internet
	19700.0000 - 20200.0000 MHz	800KG7W	0.00 dBW	PSK, Data & Internet
	19700.0000 - 20200.0000 MHz	1M60G7W	0.00 dBW	PSK, Data & Internet
	18300.0000 - 18800.0000 MHz	200KG7W	0.00 dBW	PSK, Data & Internet

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18300.0000 - 18800.0000 MHz	400KG7W	0.00 dBW	PSK, Data & Internet
18300.0000 - 18800.0000 MHz	800KG7W	0.00 dBW	PSK, Data & Internet
18300.0000 - 18800.0000 MHz	1M60G7W	0.00 dBW	PSK, Data & Internet
ANTENNA ID: GES-1-C	8.1 meters	Andrew Corporation, Inc.	ES-81-KA-1
18300.0000 - 18800.0000 MHz	1M60G7W		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
28350.0000 - 28600.0000 MHz	22M5G7W	77.20 dBW	PSK, Data & Internet
29250.0000 - 29500.0000 MHz	22M5G7W	77.20 dBW	PSK, Data & Internet

**Points of Communication:**

GES-1 - ANIK-F2 - (111.1 W.L.)

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

GES-1 - WILDBLUE 1 - (111.1 W.L.)

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**SES-AMD-20060814-01370** E E010153 WB Holdings 1 LLC

Amendment

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Amendment to add supplemental technical information to pending modification application File No. SES-MFS-20060424-00700, and to add the Canadian-licensed Ka-band satellite, WildBlue-1 at the 111.1 degrees W.L. orbital location as a point of communication. WildBlue also request a waiver of the cross-polarization isolation requirements of 47 C.F.R. §25.210(i).

See File No. SES-MFS-20060424-00700.

**SITE ID:** GES-3

**LOCATION:** 13611 CABEZUT DR., (UNITEC INDUSTRIAL CENTER), WEBB, LAREDO, TX  
 27 ° 41 ' 26.00 " N LAT. 99 ° 27 ' 6.00 " W LONG.

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

18300.0000 - 18800.0000 MHz 1M60G7W 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
19700.0000 - 20200.0000 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
28350.0000 - 28600.0000 MHz	22M5G7W	74.20 dBW	PSK, DATA, INTERNET
29250.0000 - 29500.0000 MHz	22M5G7W	74.20 dBW	PSK, DATA, INTERNET
29500.0000 - 30000.0000 MHz	22M5G7W	74.20 dBW	PSK, DATA, INTERNET
ANTENNA ID: GES-3-A	8.1 meters	ANDREW CORPORATION, INC.	ES-81-KA-1
29250.0000 - 29500.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA, INTERNET
28350.0000 - 28600.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA, INTERNET
18300.0000 - 18800.0000 MHz	1M60G7W		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
28350.0000 - 28600.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA, INTERNET
29250.0000 - 29500.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA, INTERNET
ANTENNA ID: GES-3-C	8.1 meters	ANDREW CORPORATION, INC.	ES-81-KA-1
18300.0000 - 18800.0000 MHz	1M60G7W		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
28350.0000 - 28600.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA, INTERNET
29250.0000 - 29500.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA, INTERNET

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**Points of Communication:**

GES-3 - ANIK F2 - (111.1 W.L.)

GES-3 - WILDBLUE 1 - (109.2 W.L.)

GES-3 - WILDBLUE 1 - (111.1 W.L.)

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**SES-AMD-20060815-01362** E E060298 DIRECTV Enterprises, LLC

Amendment

**Class of Station:** Fixed Earth Stations

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

DIRECTV Enterprises, LLC requests that the coordinates of this earth station be changed from 46-56-56.4 N, 120-33-52.5 W to 46-59-56.4 N, 120-33-52.5 W in order to correct a typographical error made in the original application.

See File No. SES-LIC-20060802-01300.

**SITE ID:** NWDF

**LOCATION:** 1306 W. Dolarway Rd., Kittitas County, Ellensburg, WA

46 ° 59 ' 56.40 " N LAT.

120 ° 33 ' 52.50 " W LONG.

<b>ANTENNA ID:</b> KA1	9.2 meters	Vertex RSI	9mKa-01-00
29250.0000 - 30000.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
28350.0000 - 28600.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
<b>ANTENNA ID:</b> KA2	9.2 meters	Vertex RSI	9mKA-01-00
29250.0000 - 30000.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
28350.0000 - 28600.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO

**Points of Communication:**

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

NWDF - DIRECTV 9S - (101 W.L.)

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

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

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**SES-ASG-20060814-01390** E E060033 Stone Energy Corporation

Application for Consent to Assignment

**Current Licensee:** Stone Energy Corporation

**FROM:** STONE ENERGY CORPORATION

**TO:** ENERGY PARTNERS LTD

No. of Station(s) listed: 1

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**SES-LIC-20060719-01198** E E060134 ARIZONA PUBLIC SERVICES COMPANY

Application for Authority

**Class of Station:** VSAT Network

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

An Amendment SES-AMD-20060724-01240 was filed to this pending VSAT Network Application License to resubmit Hub and Remotes Technical Information omitted from original filing.

**SITE ID:** HUB

**LOCATION:** WESTWING SUBSTATION, 3 MILES NE OF (3.8M. HUB), MARICOPA, SUN CITY WEST, AZ

33 ° 42 ' 28.80 " N LAT.

112 ° 19 ' 19.60 " W LONG.

**ANTENNA ID:** P-3.8M. 3.8 meters PRODELIN 1383-350

14000.0000 - 14500.0000 MHz 1M00G7D 44.80 dBW Up to 9.6 kbps; Direct Sequence Spread Spectrum; 255 Chips/symbol; Up to 1 MegaChips/symbol; BPSK modulation; Rate 1/2 FEC; 0.7 Mbps RF transmission rate; CDMA

11700.0000 - 12200.0000 MHz 1M00G7D NULL

**SITE ID:** REMOTE1

**LOCATION:** VSAT 0.26M. (100 UNITS) CDMA TERMINAL, STATEWIDE, AZ

**ANTENNA ID:** LDR-FA3 0.26 meters MICA-TECH 508009B

14000.0000 - 14500.0000 MHz 1M00G7D 32.00 dBW Up to 9.6 kbps; Direct Sequence Spread Spectrum; 1020 Chips/symbol; Up to 2 MegaChips/symbol; BPSK modulation; Rate 1/2 FEC; 1.3 Mbps RF transmission rate; CDMA

11700.0000 - 12200.0000 MHz 1M00G7D NULL

**SITE ID:** REMOTE2

**LOCATION:** VSAT 0.52M. (100 UNITS) CDMA TERMINAL, STATEWIDE, AZ

**ANTENNA ID:** LDR-FA2 0.52 meters MICA-TECH 508018B



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14000.0000 - 14500.0000 MHz	1M00G7D	39.00 dBW	Up to 9.6 kbps; Direct Sequence Spread Spectrum; 1020 Chips/symbol; Up to 2 MegaChips/symbol; BPSK modulation; Rate 1/2 FEC; 1.3 Mbps RF transmission rate; CDMA
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11700.0000 - 12200.0000 MHz	1M00G7D	NULL
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**Points of Communication:**

HUB - ALSAT - (ALSAT)

REMOTE1 - ALSAT - (ALSAT)

REMOTE2 - ALSAT - (ALSAT)

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**SES-LIC-20060804-01311** E E060300 Iridium Satellite LLC

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: Fairbanks1

LOCATION: North Star Industrial Park, Fairbanks, Fairbanks, AK

64 ° 49 ' 3.20 " N LAT.

147 ° 43 ' 29.80 " W LONG.

ANTENNA ID: A1 3 meters Scientific-Atlanta 3M

19400.0000 - 19600.0000 MHz	3M13G7W	Digital Telemetry, Tracking, and Command Carriers
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29100.0000 - 29300.0000 MHz	3M13G7W	67.50 dBW	Digital Telemetry, Tracking, and Command Carriers
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**Points of Communication:**

Fairbanks1 - IRIDIUM CONSTELLATIO - (NGSO)

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**SES-LIC-20060815-01363** E E060315 HARRIS CORPORATION

Application for Authority

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 655 BEAR RIVER RIDGE (REMOTE SITE), HUMBOLDT, FERNDALE, CA

40 ° 29 ' 50.00 " N LAT.

124 ° 17 ' 40.00 " W LONG.

ANTENNA ID: 1 2.4 meters VERTEXRSI 2.4 HWT

14000.0000 - 14500.0000 MHz	161KG1W	35.00 dBW	QPSK
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11700.0000 - 12200.0000 MHz      161KG1W      QPSK

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20060816-01376** E E060318      The Curators of the University of Missouri

Application for Authority

**Class of Station:**      Temporary Fixed Earth Station

**Nature of Service:**      Domestic Fixed Satellite Service

SITE ID:      1

LOCATION:      CONUS - COLUMBIA, MISSOURI, VARIOUS

ANTENNA ID:      1      1.2 meters      AVL TECHNOLOGIES      1200K DSNG

11700.0000 - 12200.0000 MHz      6M00G7F      DIGITAL COMPRESSED VIDEO

14000.0000 - 14500.0000 MHz      6M00G7F      61.26 dBW      DIGITAL COMPRESSED VIDEO CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20060816-01391** E E060319      Mammoth Recreations Inc.      **EZ**

Application for Authority

**Class of Station:**      Temporary Fixed Earth Station

**Nature of Service:**      Domestic Fixed Satellite Service

SITE ID:      1

LOCATION:      (MAMMOTH)

ANTENNA ID:      KU Sat      1.5 meters      ADVENT      NewsSwift 1.5M SNG

14000.0000 - 14500.0000 MHz      36M0G7W      67.50 dBW      One digital carrier for video/voice/data

11700.0000 - 12200.0000 MHz      36M0G7W      One digital carrier for video/voice/data

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-LIC-20060816-01393** E E060320      DataPath, Inc.

Application for Authority

**Class of Station:**      Fixed Earth Stations

**Nature of Service:**      Fixed Satellite Service

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SITE ID: Ka-Band

LOCATION: 2450 Satellite Blvd, Gwennett, Duluth, GA

33 ° 58 ' 22.60 " N LAT.

84 ° 5 ' 31.60 " W LONG.

ANTENNA ID:	3.9M	3.9 meters	ViaSat	FMTV	
	29500.0000 - 30000.0000 MHz		39M9G1W	84.35 dBW	Digital data, various information, various FEC, various data rates, various modulation
	29500.0000 - 30000.0000 MHz		100KG1W	58.33 dBW	Digital data, various information, various FEC, various data rates, various modulation
	28400.0000 - 28600.0000 MHz		100KG1W	58.33 dBW	Digital data, various information, various FEC, various data rates, various modulation
	28400.0000 - 28600.0000 MHz		39M9G1W	84.35 dBW	Digital data, various information, various FEC, various data rates, various modulation
	19700.0000 - 20200.0000 MHz		100KG1W		Digital data, various information, various FEC, various data rates, various modulation
	19700.0000 - 20200.0000 MHz		39M9G1W		Digital data, various information, various FEC, various data rates, various modulation
	18600.0000 - 18800.0000 MHz		100KG1W		Digital data, various information, various FEC, various data rates, various modulation
	18600.0000 - 18800.0000 MHz		39M9G1W		Digital data, various information, various FEC, various data rates, various modulation
ANTENNA ID:	2.4M	2.4 meters	Vertex	SM-LT	
	18600.0000 - 18800.0000 MHz		100KG1W		Ditigal data, various information, various FEC, various data rates, various modulation
	18600.0000 - 18800.0000 MHz		39M9G1W		Ditigal data, various information, various FEC, various data rates, various modulation
	19700.0000 - 20200.0000 MHz		100KG1W		Ditigal data, various information, various FEC, various data rates, various modulation

19700.0000 - 20200.0000 MHz	39M9G1W		Ditigal data, various information, various FEC, various data rates, various modulation
28400.0000 - 28600.0000 MHz	100KG1W	64.63 dBW	Ditigal data, various information, various FEC, various data rates, various modulation
29500.0000 - 30000.0000 MHz	100KG1W	64.63 dBW	Ditigal data, various information, various FEC, various data rates, various modulation
29500.0000 - 30000.0000 MHz	39M9G1W	80.64 dBW	Ditigal data, various information, various FEC, various data rates, various modulation
29500.0000 - 30000.0000 MHz	39M9G1W	80.64 dBW	Ditigal data, various information, various FEC, various data rates, various modulation

**Points of Communication:**

Ka-Band - AMC-15 - (105 W.L.)

Ka-Band - AMC-16 - (85 W.L.)

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**SES-LIC-20060821-01411** E E060322 QUALCOMM Incorporated **EZ**  
 Application for Authority  
**Class of Station:** Fixed Earth Stations

SITE ID: Building E  
 LOCATION: 4875 Eastgate Mall Road, San Diego, San Diego, CA  
 32 ° 52 ' 45.60 " N LAT. 117 ° 12 ' 8.31 " W LONG.

ANTENNA ID: MUSA 1 9 meters VertexRSI 9.0 KPK

14000.0000 - 14500.0000 MHz	35M1G7W	85.10 dBW	QPSK data - FLO multiplex
14000.0000 - 14500.0000 MHz	11M0G7W	80.10 dBW	QPSK data- FLO multiplex
11700.0000 - 12200.0000 MHz	35M1G7W		QPSK data - FLO multiplex
11700.0000 - 12200.0000 MHz	11M0G7W		QPSK data - FLO multiplex

**Points of Communication:**

Building E - PERMITTED LIST - ()

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**SES-LIC-20060821-01412** E E060323 QUALCOMM Incorporated **EZ**  
 Application for Authority  
**Class of Station:** Fixed Earth Stations

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SITE ID: Building E  
LOCATION: 4875 Eastgate Mall Road, San Diego, San Diego, CA  
32 ° 52 ' 45.70 " N LAT. 117 ° 12 ' 7.60 " W LONG.

ANTENNA ID:	MUSA 2	9 meters	VertexRSI	9.0 KPK
	14000.0000 - 14500.0000 MHz	35M1G7W	85.10 dBW	QPSK data - FLO multiplex
	14000.0000 - 14500.0000 MHz	11M0G7W	80.10 dBW	QPSK data- FLO multiplex
	11700.0000 - 12200.0000 MHz	35M1G7W		QPSK data - FLO multiplex
	11700.0000 - 12200.0000 MHz	11M0G7W		QPSK data - FLO multiplex

**Points of Communication:**

Building E - PERMITTED LIST - ()

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**SES-MFS-20060424-00699** E E010155 WB Holdings 1 LLC

Modification

**Class of Station:** Fixed Earth Stations

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

WB Holdings 1, LLC seeks authority to modify this license by (1) adding a second 8.1 meter antenna, and (2) to add Wildblue 1 @ 111.1 degrees WL .as a point of communication.

See File No. SES-AMD-20060814-01369.

SITE ID: GES-4  
LOCATION: 3182 VICKERY ROAD, ONONDAGA, SALINA, NY  
43 ° 6 ' 24.80 " N LAT. 76 ° 9 ' 14.00 " W LONG.

ANTENNA ID:	GES-4-B	5.6 meters	ANDREW CORPORATION, INC.	ES-56-KA-1
	29500.0000 - 30000.0000 MHz	22M5G7W	74.20 dBW	PSK, DATA, INTERNET
	29250.0000 - 29500.0000 MHz	22M5G7W	74.20 dBW	PSK, DATA, INTERNET
	28350.0000 - 28600.0000 MHz	22M5G7W	74.20 dBW	PSK, DATA, INTERNET
	19700.0000 - 20200.0000 MHz	800KG7W		PSK, DATA, INTERNET
	19700.0000 - 20200.0000 MHz	400KG7W		PSK, DATA, INTERNET
	19700.0000 - 20200.0000 MHz	200KG7W		PSK, DATA, INTERNET
	19700.0000 - 20200.0000 MHz	1M60G7W		PSK, DATA, INTERNET
	18300.0000 - 18800.0000 MHz	800KG7W		PSK, DATA, INTERNET

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18300.0000 - 18800.0000 MHz	400KG7W		PSK, DATA, INTERNET
18300.0000 - 18800.0000 MHz	200KG7W		PSK, DATA, INTERNET
18300.0000 - 18800.0000 MHz	1M60G7W		PSK, DATA, INTERNET
ANTENNA ID: GES-4-A	8.1 meters	ANDREW CORPORATION, INC.	ES-81-KA-1
29250.0000 - 29500.0000 MHz	22M5G7W	77.20 dBW	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
ANTENNA ID: GES-4-C	8.1 meters	ANDREW CORPORATIONM, INC.	ES-81-KA-1
18300.0000 - 18800.0000 MHz	1M60G7W		PSK, DATA, INTERNET
18300.0000 - 18800.0000 MHz	200KG7W		PSK, DATA, INTERNET
18300.0000 - 18800.0000 MHz	400KG7W		PSK, DATA, INTERNET
18300.0000 - 1880.0000 MHz	800KG7W		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

**Points of Communication:**

GES-4 - ANIK F2 - (111.1 W.L.)

GES-4 - WILDBLUE 1 - (109.2 W.L.)

GES-4 - WILDBLUE 1 - (111.1 W.L.)

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**SES-MFS-20060424-00700** E E010153 WB Holdings 1 LLC

Modification

**Class of Station:** Fixed Earth Stations

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

WB Holdings 1, LLC seeks authority to modify this license by (1) adding a second 8.1 meter antenna, and (2) to add Wildblue 1 @ 111.1 degrees WL .as a point of communication.

See File No. SES-AMD-20060814-01370.

SITE ID: GES-3

LOCATION: 13611 CABEZUT DR., (UNITEC INDUSTRIAL CENTER), WEBB, LAREDO, TX

27 ° 41 ' 26.00 " N LAT.

99 ° 27 ' 6.00 " W LONG.

ANTENNA ID: GES-3B	5.6 meters	ANDREW CORPORATION, INC.	ES-56-KA-1
29500.0000 - 30000.0000 MHz	22M5G7W	74.20 dBW	PSK, DATA, INTERNET
29250.0000 - 29500.0000 MHz	22M5G7W	74.20 dBW	PSK, DATA, INTERNET
28350.0000 - 28600.0000 MHz	22M5G7W	74.20 dBW	PSK, DATA, INTERNET
19700.0000 - 20200.0000 MHz	800KG7W	0.00 dBW	PSK, DATA, INTERNET
19700.0000 - 20200.0000 MHz	400KG7W		PSK, DATA, INTERNET
19700.0000 - 20200.0000 MHz	200KG7W		PSK, DATA, INTERNET
19700.0000 - 20200.0000 MHz	1M60G7W		PSK, DATA, INTERNET
18300.0000 - 18800.0000 MHz	800KG7W		PSK, DATA, INTERNET
18300.0000 - 18800.0000 MHz	400KG7W		PSK, DATA, INTERNET
18300.0000 - 18800.0000 MHz	1M60G7W		PSK, DATA, INTERNET
18300.0000 - 18800.0000 MHz	200KG7W		PSK, DATA, INTERNET

ANTENNA ID: GES-3-A	8.1 meters	ANDREW CORPORATION, INC.	ES-81-KA-1
29250.0000 - 29500.0000 MHz	22M5G7W	77.20 dBW	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

ANTENNA ID: GES-3-C      8.1 meters      ANDREW CORPORATION, INC.      ES-81-KA-1

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**Points of Communication:**

GES-3 - ANIK F2 - (111.1 W.L.)

GES-3 - WILDBLUE 1 - (109.2 W.L.)

GES-3 - WILDBLUE 1 - (111.1 W.L.)

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**SES-MFS-20060424-00701** E E010151 WB Holdings 1 LLC

Modification

**Class of Station:** Fixed Earth Stations

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

WB Holdings 1, LLC seeks authority to modify this license by (1) adding a second 8.1 meter antenna, and (2) to add Wildblue 1 @ 111.1 degrees WL .as a point of communication.

See File No. SES-AMD-20060811-01371.

**SITE ID:** GES-2

**LOCATION:** 460 PROGRESS CIRCLE, LARAMIE, CHEYENNE, WY

41 ° 7 ' 51.60 " N LAT.

104 ° 44 ' 17.90 " W LONG.

**ANTENNA ID:** GES-2-B      5.6 meters      ANDREW CORPORATION, INC.      ES-56-KA-1

29500.0000 - 30000.0000 MHz	22M5G7W	74.20 dBW	PSK, DATA, INTERNET
28350.0000 - 28600.0000 MHz	22M5G7W	74.20 dBW	PSK, DATA, INTERNET
29250.0000 - 29500.0000 MHz	22M5G7W	74.20 dBW	PSK, DATA, INTERNET
18300.0000 - 18800.0000 MHz	1M60G7W		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
19700.0000 - 20200.0000 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

**ANTENNA ID:** GES-2-A      8.1 meters      ANDREW CORPORATION, INC.      ES-81-KA-1

18300.0000 - 18800.0000 MHz	1M60G7W		PSK, DATA, INTERNET
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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
28350.0000 - 28600.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA, INTERNET
29250.0000 - 29500.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA, INTERNET
ANTENNA ID: GES-2-C	8.1 meters	ANDREW CORPORATION, INC.	ES-81-KA-1
18300.0000 - 18800.0000 MHz	1M60G7W		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
28350.0000 - 28600.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA, INTERNET
29250.0000 - 29500.0000 MHz	22M5G7W	77.20 dBW	PSK, DATA, INTERNET

**Points of Communication:**

GES-2 - ANIK-F2 - (111.1 W.L.)

GES-2 - WILDBLUE 1 - (109.2 W.L.)

GES-2 - WILDBLUE 1 - (111.1 W.L.)

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**SES-MFS-20060424-00702** E E040213 WB Holdings 1 LLC  
Modification

**Class of Station:** Fixed Earth Stations

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

WB Holdings 1, LLC seeks authority to modify this license by (1) adding a second 8.1 meter antenna, and (2) to add Wildblue 1 @ 111.1 degrees WL .as a point of communication.

See File No. SES-AMD-20060814-01368.

**SITE ID:** GES-1

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

33 ° 47 ' 47.10 " N LAT.

117 ° 5 ' 20.40 " W LONG.

ANTENNA ID: GES-1-A 8.1 meters Andrew Corporation, Inc. ES-81-KA-1

18300.0000 - 18800.0000 MHz 1M60G7W 0.00 dBW PSK, Data & Internet

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18300.0000 - 18800.0000 MHz	200KG7W	0.00 dBW	PSK, Data & Internet
18300.0000 - 18800.0000 MHz	400KG7W	0.00 dBW	PSK, Data & Internet
18300.0000 - 18800.0000 MHz	800KG7W	0.00 dBW	PSK, Data & Internet
29250.0000 - 29500.0000 MHz	22M5G7W	77.20 dBW	PSK, Data & Internet
28350.0000 - 28600.0000 MHz	22M5G7W	77.20 dBW	PSK, Data & Internet

ANTENNA ID: GES-1-B      5.6 meters      Andrew Corporation, Inc.      ES-56-KA-1

19700.0000 - 20200.0000 MHz	1M60G7W	0.00 dBW	PSK, Data & Internet
19700.0000 - 20200.0000 MHz	200KG7W	0.00 dBW	PSK, Data & Internet
19700.0000 - 20200.0000 MHz	400KG7W	0.00 dBW	PSK, Data & Internet
18300.0000 - 18800.0000 MHz	1M60G7W	0.00 dBW	PSK, Data & Internet
18300.0000 - 18800.0000 MHz	200KG7W	0.00 dBW	PSK, Data & Internet
18300.0000 - 18800.0000 MHz	400KG7W	0.00 dBW	PSK, Data & Internet
19700.0000 - 20200.0000 MHz	800KG7W	0.00 dBW	PSK, Data & Internet
18300.0000 - 18800.0000 MHz	800KG7W	0.00 dBW	PSK, Data & Internet
28350.0000 - 28600.0000 MHz	22M5G7W	74.20 dBW	PSK, Data & Internet
29250.0000 - 29500.0000 MHz	22M5G7W	74.20 dBW	PSK, Data & Internet
29500.0000 - 30000.0000 MHz	22M5G7W	74.20 dBW	PSK, Data & Internet

ANTENNA ID: GES-1-C      8.1 meters      Andrew Corporation, Inc.      ES-81-KA-1

18300.0000 - 18800.0000 MHz	1M60G7W		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
28350.0000 - 28600.0000 MHz	22M5G7W	77.20 dBW	PSK, Data & Internet
29250.0000 - 29500.0000 MHz	22M5G7W	77.20 dBW	PSK, Data & Internet

**Points of Communication:**

GES-1 - ANIK-F2 - (111.1 W.L.)

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

GES-1 - WILDBLUE 1 - (111.1 W.L.)

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**SES-MFS-20060811-01347** E E050033 WB Holdings 1 LLC

Modification

**Class of Station:** Other

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

WB Holdings 1, LLC seeks to replace the WildBlue-1 satellite operating pursuant to a U.S. license at 109.2 WL with the Canadian-licensed WildBlue-1 satellite at 111.1 WL as a point of communication for the blanket earth station license.

SITE ID: WB1000-C

LOCATION: (500,000 0.7m antennas), CONUS

0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	WB1000-C2	0.38 meters	Raven Manufacturing	WB1000-002
	19700.0000 - 20200.0000 MHz	18M0G7W	0.00 dBW	15 MSPS 8PSK Digital Carrier
	19700.0000 - 20200.0000 MHz	18M0G7W	0.00 dBW	15 MSPS QPSK, Digital Carrier
	19700.0000 - 20200.0000 MHz	27M0G7W	0.00 dBW	22.5 MSPS 8PSK, Digital Carrier
	19700.0000 - 20200.0000 MHz	27M0G7W	0.00 dBW	22.5 MSPS QPSK, Digital Carrier
	29500.0000 - 30000.0000 MHz	200KG7W	46.30 dBW	160 KSPS QPSK , Digital Carrier (used under rain fade conditions only)
	29500.0000 - 30000.0000 MHz	400KG7W	46.30 dBW	320 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
	29500.0000 - 30000.0000 MHz	800KG7W	46.30 dBW	640 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
	29500.0000 - 30000.0000 MHz	1M60G7W	41.00 dBW	1280 KSPS QPSK, Digital Carrier (normal clear sky conditions)
ANTENNA ID:	WB1000-C3	0.7 meters	Raven Manufacturing	WB1000-003
	19700.0000 - 20200.0000 MHz	18M0G7W	0.00 dBW	15 MSPS 8PSK, Digital Carrier
	19700.0000 - 20200.0000 MHz	27M0G7W	0.00 dBW	22.5 MSPS 8PSK, Digital Carrier
	19700.0000 - 20200.0000 MHz	27M0G7W	0.00 dBW	22.5 MSPS QPSK, Digital Carrier
	29500.0000 - 30000.0000 MHz	200KG7W	47.00 dBW	160 KSPS QPSK, Digital Carrier (used under rain fade conditions only)

29500.0000 - 30000.0000 MHz	800KG7W	47.00 dBW	640 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
29500.0000 - 30000.0000 MHz	1M60G7W	41.00 dBW	1280 KSPS QPSK, Digital Carrier (normal clear sky conditions)
19700.0000 - 20200.0000 MHz	18M0G7W	0.00 dBW	15 MSPS QPSK, Digital Carrier
29500.0000 - 30000.0000 MHz	400KG7W	47.00 dBW	320 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
ANTENNA ID: WB1000TF2	0.38 meters	Raven Manufacturing	WB1000TF2
19700.0000 - 20200.0000 MHz	18M0G7W		15 MSPS 8PSK Digital Carrier
19700.0000 - 20200.0000 MHz	18M0G7W		15 MSPS QPSK, Digital Carrier
19700.0000 - 20200.0000 MHz	27M0G7W		22.5 MSPS 8PSK, Digital Carrier
19700.0000 - 20200.0000 MHz	27M0G7W		22.5 MSPS QPSK, Digital Carrier
29500.0000 - 30000.0000 MHz	1M60G7W	41.00 dBW	1280 KSPS QPSK, Digital Carrier (normal clear sky conditions)
29500.0000 - 30000.0000 MHz	200KG7W	46.30 dBW	160 KSPS QPSK , Digital Carrier (used under rain fade conditions only)
29500.0000 - 30000.0000 MHz	400KG7W	46.30 dBW	320 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
29500.0000 - 30000.0000 MHz	800KG7W	46.30 dBW	640 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
ANTENNA ID: WB1000TF3	0.7 meters	Raven Manufacturing	WB1000TF3
19700.0000 - 20200.0000 MHz	18M0G7W		15 MSPS 8PSK Digital Carrier
19700.0000 - 20200.0000 MHz	18M0G7W		15 MSPS QPSK, Digital Carrier
19700.0000 - 20200.0000 MHz	27M0G7W		22.5 MSPS 8PSK, Digital Carrier
19700.0000 - 20200.0000 MHz	27M0G7W		22.5 MSPS QPSK, Digital Carrier
29500.0000 - 30000.0000 MHz	1M60G7W	41.00 dBW	1280 KSPS QPSK, Digital Carrier (normal clear sky conditions)
29500.0000 - 30000.0000 MHz	200KG7W	47.00 dBW	160 KSPS QPSK , Digital Carrier (used under rain fade conditions only)
29500.0000 - 30000.0000 MHz	400KG7W	47.00 dBW	320 KSPS QPSK, Digital Carrier (used under rain fade conditions only)

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29500.0000 - 30000.0000 MHz	800KG7W	47.00 dBW	640 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
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SITE ID: WB1000-TF2  
LOCATION: (1,000 0.7m antennas), CONUS

**Points of Communication:**

WB1000-C - ANIK F2 - (111.1 W.L.)

WB1000-C - WILDBLUE 1 - (111.1 W.L.)

WB1000-TF2 - ANIK F2 - (111.1 W.L.)

WB1000-TF2 - WILDBLUE 1 - (111.1 W.L.)

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**SES-MOD-20060725-01249** E E930320 Telenor Satellite, Inc.

Application for Modification

**Class of Station:** Other

**Nature of Service:** Fixed Satellite Service, Other

Telenor Satellite, Inc. has filed a modifcaiton requeing authority to authorize up to 550 ESV Ku-band terminals for ESV operation. These terminals, all with SeaTel antennas, will be located on vessels travelling in U.S. and international waters, and will operate with an 4.5 meter Andrew hub antenna at Santa Paula, CA which already has been licensed by the Commission. See File No. SES-MOD-20030609-00753, granted July 23, 2003. These operations will be in the standard Ku-band. As set forth in the attachments, we are seeking a partial, temporary waiver of two provisions of the Commission's ESV rules, Sections 25.222(a)(7) and 25.222(c)(1). In all other respects, the operations described in this application will be in full compliance with the requirements set forth in the Commission's ESV Order, 20 FCC Red 674 (2005) and in Part 25 of the Rules. Moreover, as shown in the attachments, use of these antennas will be in accordance with the Commission's 2 degree spacing requirements.

SITE ID: 1  
LOCATION: 7676 PINE GROVE ROAD, VENTURA, SANTA PAULA, CA  
34 ° 24 ' 5.00 " N LAT. 119 ° 4 ' 26.00 " W LONG.

ANTENNA ID: 1	4.5 meters	ANDREW	ESA-45
14000.0000 - 14500.0000 MHz	50K0G3D	51.30 dBW	DIGITAL SERVICES
14000.0000 - 14500.0000 MHz	50K0F3X	57.30 dBW	DIGITAL SERVICES
11700.0000 - 12200.0000 MHz	50K0G3D		DIGITAL SERVICES
11700.0000 - 12200.0000 MHz	50K0F3X		DIGITAL SERVICES

SITE ID: 4003A ESV  
LOCATION: U.S. WATERS AND INTERNATIONAL WATERS 250 (1.0 meter antennas), CONUS

ANTENNA ID: ESV-1.0M	1 meters	SEATEL	4003A
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11700.0000 - 12200.0000 MHz	2M00G1W		SCPC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	32K0G1W		SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	32K0G1W	34.40 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	256K0G1W	43.40 dBW	SCPC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	3M00G7W		TDM/TDMA AND DVB/TDMA USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	54M0G7W		TDM/TDMA AND DVB/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M62G7W	47.80 dBW	TDM/TDMA AND DVB/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	365KG7W	47.80 dBW	TDM/TDMA AND DVB/TDMA USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	2M00G1W		SCPC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	32K0G1W		SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	32K0G1W	34.40 dBW	SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	256K0G1W	43.40 dBW	SCPC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	2M60G7W		TDM/TDMA AND DVB/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M40G7W	47.80 dBW	TDM/TDMA AND DVB/TDMA USING QPSK AND BPSK MODULATION

SITE ID: E996T ESV

LOCATION: U.S. WATERS AND INTERNATIONAL WATERS 50 (1.2 meter antennas), CONUS

ANTENNA ID: ESV-1.2M      1.2 meters      SEATEL      4996T

11700.0000 - 12200.0000 MHz	2M00G1W		SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M00G1W	49.40 dBW	SCPC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	32K0G1W		SCPC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	32K0G1W	34.40 dBW	SCPC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	3M00G7W		TDM/TDMA AND DVB/TDMA USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	54M0G7W		TDM/TDMA AND DVB/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	256KG7W	49.00 dBW	TDM/TDMA AND DVB/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G7W	49.00 dBW	TDM/TDMA AND DVB/TDMA USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	54M0G7W		TDM/TDMA AND DVB/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	316KG7W	46.70 dBW	TDM/TDMA AND DVB/TDMA USING QPSK AND BPSK MODULATION

SITE ID: 4006 ESV

LOCATION: U.S. WATERS AND INTERNATIONAL WATERS 250 (1.0 meter antennas), CONUS

ANTENNA ID: ESV-1.0M 1 meters SEATEL 4006

**Points of Communication:**

1 - ALSAT - (ALSAT)

4003A ESV - ALSAT - (ALSAT)

4006 ESV - ALSAT - (ALSAT)

E996T ESV - ALSAT - (ALSAT)

**SES-MOD-20060818-01406** E E060236 DIRECTV Enterprises, LLC

Application for Modification

**Class of Station:** Fixed Earth Stations

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**Nature of Service:** Fixed Satellite Service, Other

DIRECTV Enterprises LLC has filed a modification application to add the DIRECTV 9S satellite @ 101 degrees W.L. orbital location as an additional point of communication.

**SITE ID:** CRBC

**LOCATION:** 5454 Garton Road, Douglas, Catle Rock, CO

39 ° 16 ' 39.00 " N LAT.

104 ° 48 ' 25.00 " W LONG.

<b>ANTENNA ID:</b> CD12	9.2 meters	Vertex RSI	9mDBS-8475-01-00
17300.0000 - 17800.0000 MHz	1M00F2D	87.40 dBW	MULTI-TONE FREQUENCY MODULATED COMMAND CARRIER
17300.0000 - 17800.0000 MHz	82K0F3N	87.40 dBW	FM COMMAND CARRIER, NO DATA
17300.0000 - 17800.0000 MHz	24M0G7W	87.40 dBW	PSK MOD DIGITAL VIDEO/AUDIO
12200.0000 - 12700.0000 MHz	1M00F2D	0.00 dBW	PHASE MODULATED SATELLITE TELEMETRY
12200.0000 - 12700.0000 MHz	82K0F3N	0.00 dBW	FM COMMAND CARRIER, NO DATA
12200.0000 - 12700.0000 MHz	24M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO

**Points of Communication:**

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

CRBC - DIRECTV 9S - (101 W.L.)

CRBC - DIRECTV-1 - (72.5 W.L.)

CRBC - DIRECTV-1R - (101 W.L.)

CRBC - DIRECTV-4S - (101.0 W.L.)

CRBC - DIRECTV-5 - (110.0 W.L.)

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

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

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**SES-MOD-20060818-01407** E E930304 DIRECTV Enterprises, LLC

Application for Modification

**Class of Station:** Other

**Nature of Service:** Other



DIRECTV Enterprises LLC has filed a modification application to add the DIRECTV 9S satellite @ 101 degrees W.L. orbital location as an additional point of communication.

SITE ID: CRBC

LOCATION: 5454 GARTON RD., DOUGLAS, CASTLE ROCK, CO

39 ° 16 ' 37.00 " N LAT.

104 ° 48 ' 29.00 " W LONG.

ANTENNA ID:	CDF09	13.1 meters	VERTEX RSI	13.1 KPKDBS
	17300.0000 - 17800.0000 MHz	82K0F3N	87.30 dBW	FM COMMAND CARRIER, NO DATA
	17300.0000 - 17800.0000 MHz	750KF2D	87.40 dBW	FM COMMAND CARRIER, DIGITAL DATA
	17300.0000 - 17800.0000 MHz	3M20F3X	87.40 dBW	FM DIGITAL DATA AND VIDEO
	17300.0000 - 17800.0000 MHz	24M0G7W	87.40 dBW	QPSK DIGITAL AUDIO/VIDEO
	17300.0000 - 17800.0000 MHz	24M0G7W	87.40 dBW	QPSK DIGITAL AUDIO/VIDEO
	17300.0000 - 17800.0000 MHz	3M20F3X	87.40 dBW	FM DIGITAL DATA AND VIDEO
	17300.0000 - 17800.0000 MHz	82K0F3N	87.30 dBW	FM COMMAND CARRIER, NO DATA
	17300.0000 - 17800.0000 MHz	1M00F2D	87.40 dBW	FM COMMAND CARRIER, DIGITAL DATA
	17300.0000 - 17800.0000 MHz	750KF2D	87.40 dBW	FM COMMAND CARRIER, DIGITAL DATA
	12200.0000 - 12700.0000 MHz	82K0F3N		FM COMMAND CARRIER, NO DATA
	12200.0000 - 12700.0000 MHz	750KF2D		FM COMMAND CARRIER, DIGITAL DATA
	12200.0000 - 12700.0000 MHz	3M20F3X		FM DIGITAL DATA AND VIDEO
	12200.0000 - 12700.0000 MHz	24M0G7W		QPSK DIGITAL AUDIO/VIDEO
	12200.0000 - 12700.0000 MHz	3M20F3X		FM DIGITAL DATA AND VIDEO
	12200.0000 - 12700.0000 MHz	82K0F3N		FM COMMAND CARRIER, NO DATA
	12200.0000 - 12700.0000 MHz	1M00F3D		FM COMMAND CARRIER, DIGITAL DATA

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12200.0000 - 12700.0000 MHz

750KF2D

FM COMMAND CARRIER,  
DIGITAL DATA

**Points of Communication:**

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

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

CRBC - DIRECTV 3 - (82 W.L.)

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

CRBC - DIRECTV 9S - (101 W.L.)

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

CRBC - DIRECTV-1 - (72.5 W.L.)

CRBC - DIRECTV-1R - (101 W.L.)

CRBC - DIRECTV-2 - (91 W.L.)

CRBC - DIRECTV-4S - (101.0 W.L.)

CRBC - DIRECTV-5 - (110.0 W.L.)

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

CRBC - DIRECTV-5 - (72.5 WL)

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

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

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**SES-REG-20060815-01364** E E060316 Ligonier Telephone Co., Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 414 SOUTH CAVIN STREET, NOBLE, LIGONIER, IN

41 ° 32 ' 15.40 " N LAT.

85 ° 33 ' 6.40 " W LONG.

ANTENNA ID: 1

3.8 meters

PATRIOT 3.8

3.8

3700.0000 - 4200.0000 MHz

36M0F8W

ANALOG VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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