



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SES-00481

Wednesday March 19, 2003

## 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-LIC-20030122-00062 E E030025 Northrop Grumman Corporation

Application for Authority

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

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

SITE ID: Langley

LOCATION: USA, Langley AFB, VA

37 ° 4 ' 0.00 " N LAT.

76 ° 22 ' 0.00 " W LONG.

ANTENNA ID: 1                      6.25 meters              L-3 Communications                      7186095

11700.0000 - 12200.0000 MHz              3M35G1D

11700.0000 - 12200.0000 MHz              12M4G1D

11700.0000 - 12200.0000 MHz              43M3G1D

11700.0000 - 12200.0000 MHz              57M8G1D

11700.0000 - 12200.0000 MHz              65M0G1D

11700.0000 - 12200.0000 MHz              69M1G1D

14000.0000 - 14500.0000 MHz	433KG1D	80.70 dBW	QPSK with Reed-Solomon (208,192) concatenated with rate 1/2 constraint length 7 convolutional encoding
11700.0000 - 12200.0000 MHz	433KG1D		QPSK with Reed-Solomon (208,192) concatenated with rate 1/2 constraint length 7 convolutional encoding

**Points of Communication:**

Langley - ALSAT - (ALSAT)

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

**SES-LIC-20030128-00078** E E030030 Nielsen Media Research

Application for Authority

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 501 Brooker Creek Blvd., Pinellas, Oldsmar, FL  
28 ° 2 ' 54.00 " N LAT.

82 ° 39 ' 18.00 " W LONG.

ANTENNA ID: 1	5 meters	ATCI	Simulsat 5
3700.0000 - 4200.0000 MHz	36M0F8W		Analog Video Carrier
3700.0000 - 4200.0000 MHz	36M0G7F		Digital Compressed Video
10950.0000 - 11200.0000 MHz	36M0F8W		Analog Video Carrier
11450.0000 - 12200.0000 MHz	36M0F8W		Analog Video Carrier
10950.0000 - 11200.0000 MHz	36M0G7F		Digital Compressed Video Carrier
11450.0000 - 12200.0000 MHz	36M0G7F		Digital Compressed Video Carrier

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-LIC-20030304-00264** E E030048 CHEYENNE MOUNTAIN PUBLIC BROADCAST HOUSE

Application for Authority

**Class of Station:** VSAT Network

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

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SITE ID: 1  
LOCATION: 1921 NORTH WEBER STREET (KCME STUDIOS), EL PASO, COLORADO SPRINGS, CO  
38 ° 51 ' 38.00 " N LAT. 104 ° 48 ' 50.00 " W LONG.

ANTENNA ID:	CM 1.8M	1.8 meters	CHANNEL MASTER	TYPE 183
	14000.0000 - 14500.0000 MHz		400KG1B 50.02 dBW	QPSK
	11700.0000 - 12200.0000 MHz		400KG1B	QPSK

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20030308-00281** E E030049 NATIONAL CABLE SATELLITE CORPORATION D/B/A C-SPAN

Application for Authority

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 444 NORTH CAPITOL STREET, WASHINGTON, DC  
38 ° 53 ' 45.00 " N LAT. 77 ° 0 ' 38.00 " W LONG.

ANTENNA ID:	1A	3.7 meters	ANDREW CORPORATIN	3.7 ESA
	11700.0000 - 12200.0000 MHz		36M0F8W	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	11700.0000 - 12200.0000 MHz		1M69G7W-	DIGITAL DATA AND VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	11700.0000 - 12200.0000 MHz		72M0G7W	DIGITAL DATA AND VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	14000.0000 - 14500.0000 MHz		1M69G7W- 65.10 dBW	DIGITAL DATA AND VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	14000.0000 - 14500.0000 MHz		72M0G7W 75.80 dBW	DIGITAL DATA AND VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	14000.0000 - 14500.0000 MHz		36M0F8W 75.80 dBW	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

**Points of Communication:**

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1 - ALSAT - (ALSAT)

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**SES-LIC-20030311-00288** E E030051 INTELSAT LLC

Application for Authority

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 17633 Technology Blvd, Washington, Hagerstown, MD

39 ° 35 ' 56.30 " N LAT.

77 ° 45 ' 17.90 " W LONG.

ANTENNA ID: 1	11.1 meters	Vertex	11.1 KPK
14000.0000 - 14500.0000 MHz	100KG7D	61.90 dBW	DIGITAL, Data
14000.0000 - 14500.0000 MHz	72M0G8W	74.90 dBW	DIGITAL, Data
10950.0000 - 11200.0000 MHz	100KG7D		DIGITAL, Data
11450.0000 - 12200.0000 MHz	100KG7D		DIGITAL, Data
10950.0000 - 11200.0000 MHz	72M0G8W		DIGITAL, Data
11450.0000 - 12200.0000 MHz	72M0G8W		DIGITAL, Data

**Points of Communication:**

1 - ALSAT - (ALSAT)

1 - OTHER -

1 - OTHER -

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**SES-LIC-20030314-00342** E E030052 EQUITY BROADCASTING CORPORATION

Application for Authority

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: #1 SHACKLEFORD DRIVE, SUITE 400, PULASKI, LITTLE ROCK, AR

34 ° 45 ' 20.20 " N LAT.

92 ° 23 ' 43.00 " W LONG.

ANTENNA ID: RSI 3.8	3.8 meters	VERTEX RSI	3.8M. DPK 1 OPC KUBA
14000.0000 - 14500.0000 MHz	36M0G7F	53.00 dBW	PSK, DIGITAL VIDEO WITH AUDIO AND DATA

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11700.0000 - 12200.0000 MHz

36M0G7F

PSK, DIGITAL VIDEO WITH  
AUDIO AND DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

1 - ANIK E1 - (118.7 W.L.)

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**SES-MOD-20030130-00110** E E970143 Northrop Grumman Systems Corporation

Application for Modification

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

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

Modification filed to add new emission designators, to increase EIRP and EIRP density, to add Intelsat satellite to point of communications, and to change antenna.

SITE ID: FALLS CHURCH

LOCATION: FALLS CHURCH, VA

39 ° 9 ' 27.00 " N LAT.

121 ° 13 ' 14.00 " W LONG.

ANTENNA ID: 1                      6.25 meters      L-3 COMMUNICATIONS                      7186095-00

14000.0000 - 14500.0000 MHz      433KG1D      78.00 dBW

14000.0000 - 14500.0000 MHz      3M35G1D      78.00 dBW

11700.0000 - 12200.0000 MHz

11700.0000 - 12200.0000 MHz      65M0G1D

14000.0000 - 14500.0000 MHz      433KG1D      80.70 dBW

QPSK WITH REED-SOLOMON  
(208,192) CONCATENATED WITH  
RATE 1/2 CONSTRAINT LENGTH 7  
CONVOLUTIONAL ENCODING.

11700.0000 - 12200.0000 MHz      69M1G1D

11700.0000 - 12200.0000 MHz      57M8G1D

11700.0000 - 12200.0000 MHz      43M3G1D

11700.0000 - 12200.0000 MHz      12M4G1D

11700.0000 - 12200.0000 MHz      3M35G1D

**Points of Communication:**

FALLS CHURCH - ALSAT - (ALSAT)

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FALLS CHURCH - INTELSAT AOR - (307.0 E.L.)

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**SES-MOD-20030130-00111** E E970144 Northrop Grumman Systems Corporation

Application for Modification

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

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

Modification filed to add new emission designators, to increase EIRP and EIRP density, to add Intelsat satellite to point of communications, and to change antenna.

**SITE ID:** EDWARDS AFB

**LOCATION:** VARIOUS

34 ° 54 ' 0.00 " N LAT.

117 ° 51 ' 36.00 " W LONG.

**ANTENNA ID:** 1                      6.25 meters      L-3 COMMUNICATIONS                      7186095-00

14000.0000 - 14500.0000 MHz      3M35G1D      78.00 dBW

11700.0000 - 12200.0000 MHz      65M1G1D

14000.0000 - 14500.0000 MHz      433KG1D      80.70 dBW      QPSK WITH REED-SOLOMON  
(208,192) CONCATENATED WITH  
RATE 1/2 CONSTRAINT LENGTH 7  
CONVOLUTIONAL ENCODING.

11700.0000 - 12200.0000 MHz      69M1G1D

11700.0000 - 12200.0000 MHz      57M8G1D

11700.0000 - 12200.0000 MHz      43M3G1D

11700.0000 - 12200.0000 MHz      12M4G1D

11700.0000 - 12200.0000 MHz      3M35G1D

11700.0000 - 12200.0000 MHz      433KG1D      QPSK WITH REED-SOLOMON  
(208,192) CONCATENATED WITH  
RATE 1/2 CONSTRAINT LENGTH 7  
CONVOLUTIONAL ENCODING.

**Points of Communication:**

EDWARDS AFB - ALSAT - (ALSAT)

EDWARDS AFB - INTELSAT AOR - (307.0 E.L.)

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**SES-MOD-20030130-00112** E E970145 Northrop Grumman Systems Corporation

Application for Modification

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

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

Modification filed to add new emission designators, to increase EIRP and EIRP density, to add Intelsat satellite to point of communications, and to change antenna.

SITE ID: SALT LAKE CITY

LOCATION: VARIOUS, SALT LAKE CITY, UT

40 ° 45 ' 22.00 " N LAT.

111 ° 53 ' 24.00 " W LONG.

ANTENNA ID: 1	6.25 meters	L-3 COMMUNICATIONS	7186095-00
14000.0000 - 14500.0000 MHz	433KG1D	80.70 dBW	QPSK WITH REED-SOLOMON (208,192) CONCATENATED WITH RATE 1/2 CONSTRAINT LENGTH 7 CONVOLUTIONAL ENCODING.
14000.0000 - 14500.0000 MHz	3M35G1D	78.00 dBW	
11700.0000 - 12200.0000 MHz	65M0G1D		
11700.0000 - 12200.0000 MHz	433KG1D		QPSK WITH REED-SOLOMON (208,192) CONCATENATED WITH RATE 1/2 CONSTRAINT LENGTH 7 CONVOLUTIONAL ENCODING.
11700.0000 - 12200.0000 MHz	57M8G1D		
11700.0000 - 12200.0000 MHz	69M1G1D		
11700.0000 - 12200.0000 MHz	43M3G1D		
11700.0000 - 12200.0000 MHz	12M4G1D		
11700.0000 - 12200.0000 MHz	3M35G1D		

**Points of Communication:**

SALT LAKE CITY - ALSAT - (ALSAT)

SALT LAKE CITY - INTELSAT AOR - (307.0 E.L.)

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**SES-MOD-20030130-00113** E E970146 Northrop Grumman Systems Corporation

Application for Modification

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

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

Modification filed to add new emission designators, to increase EIRP and EIRP density, to add Intelsat satellite to point of communications, and to change antenna.

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SITE ID: SAN DIEGO  
LOCATION: SAN DIEGO, CA  
33 ° 1 ' 8.00 " N LAT.

117 ° 6 ' 29.00 " W LONG.

ANTENNA ID: 1                      6.25 meters      L-3 COMMUNICATIONS                      7186095-00

14000.0000 - 14500.0000 MHz      433KG1D      78.00 dBW

14000.0000 - 14500.0000 MHz      3M35G1D      78.00 dBW

11700.0000 - 12200.0000 MHz

11700.0000 - 12200.0000 MHz      65M0G1D

14000.0000 - 14500.0000 MHz      433KG1D      80.70 dBW

QPSK WITH REED-SOLOMON  
(208,192) CONCATENATED WITH  
RATE 1/2 CONSTRAINT LENGTH 7  
CONVOLUTIONAL ENCODING.

11700.0000 - 12200.0000 MHz      69M1G1D

11700.0000 - 12200.0000 MHz      57M8G1D

11700.0000 - 12200.0000 MHz      43M3G1D

11700.0000 - 12200.0000 MHz      12M4G1D

11700.0000 - 12200.0000 MHz      3M35G1D

**Points of Communication:**

SAN DIEGO - ALSAT - (ALSAT)

SAN DIEGO - INTELSAT AOR - (307.0 E.L.)

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**SES-MOD-20030130-00114** E E970147 Northrop Grumman Systems Corporation

Application for Modification

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

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

SITE ID: EDWARDS AFB  
LOCATION: VARIOUS, EDWARDS AFB, CA

ANTENNA ID: 1                      1.2 meters      L-3 COMMUNICATIONS                      7698880

14000.0000 - 14500.0000 MHz      66M1G1D      65.70 dBW

14000.0000 - 14500.0000 MHz      65M0G1D      65.70 dBW



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14000.0000 - 14500.0000 MHz	57M8G1D	65.70 dBW	
14000.0000 - 14500.0000 MHz	43M3G1D	65.70 dBW	
14000.0000 - 14500.0000 MHz	12M4G1D	65.70 dBW	
14000.0000 - 14500.0000 MHz	3M33G1D	65.70 dBW	
14000.0000 - 14500.0000 MHz	69M1G1D	65.70 dBW	QPSK WITH REED-SOLOMON (208,192) CONCATENATED WITH RATE 1/2 CONSTRAINT LENGTH 7 CONVOLUTIONAL ENCODING.
11700.0000 - 12200.0000 MHz	433KG1D		
14000.0000 - 14500.0000 MHz	3M35G1D	65.70 dBW	QPSK WITH REED-SOLOMON (208,192) CONCATENATED WITH RATE 1/2 CONSTRAINT LENGTH 7 CONVOLUTIONAL ENCODING.
14000.0000 - 14500.0000 MHz	12M4G1D	65.70 dBW	QPSK WITH REED-SOLOMON (208,192) CONCATENATED WITH RATE 1/2 CONSTRAINT LENGTH 7 CONVOLUTIONAL ENCODING.
14000.0000 - 14500.0000 MHz	43M3G1D	65.70 dBW	QPSK WITH REED-SOLOMON (208,192) CONCATENATED WITH RATE 1/2 CONSTRAINT LENGTH 7 CONVOLUTIONAL ENCODING.
14000.0000 - 14500.0000 MHz	57M8G1D	65.70 dBW	QPSK WITH REED-SOLOMON (208,192) CONCATENATED WITH RATE 1/2 CONSTRAINT LENGTH 7 CONVOLUTIONAL ENCODING.
14000.0000 - 14500.0000 MHz	65M0G1D	65.70 dBW	QPSK WITH REED-SOLOMON (208,192) CONCATENATED WITH RATE 1/2 CONSTRAINT LENGTH 7 CONVOLUTIONAL ENCODING.

**Points of Communication:**

EDWARDS AFB - ALSAT - (ALSAT)

EDWARDS AFB - INTELSAT AOR - (307.0 E.L.)

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**SES-MOD-20030219-00206** E E970347 GTECH CORP.

Application for Modification

**Class of Station:** VSAT Network

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

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"MOD" to add a second 4.6 meter antenna to this Hub facility and add new emissions designators and power levels to the existing antenna in order to enable both antennas to communicate with the remote VSAT stations requested under license call sign E930182. Also one of the emission designator (1M6G7W) was corrected to "1M60G7W".

SITE ID: 1

LOCATION: 8200 CAMERON RD. (4.6 meter Hub), AUSTIN, AUSTIN, TX

30 ° 20 ' 30.00 " N LAT.

97 ° 41 ' 15.00 " W LONG.

ANTENNA ID: 1	4.6 meters	ANDREW	ES46MPJ-1
14000.0000 - 14500.0000 MHz	500KG7D	62.10 dBW	DATA
14000.0000 - 14500.0000 MHz	30K0G7D	49.85 dBW	DATA
11700.0000 - 12200.0000 MHz	500KG7D		DATA
11700.0000 - 12200.0000 MHz	30K0G7D		DATA
14000.0000 - 14500.0000 MHz	6M20G7W	64.50 dBW	QPSK 5 MSPS BROADCAST DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	1M60G7W	60.50 dBW	MSK (QPSK VARIANT) MULTIMEDIA BROADCAST DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	120KG7W		MSK (QPSK VARIANT) RETURN DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	200KG7W		OQPSK 128 KSPS RETURN DIGITAL CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

1 - ANIK E1 - (118.7 W.L.)

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**SES-MOD-20030303-00293** P E950288 EchoStar Satellite Corporation

Application for Modification

**Class of Station:** Fixed Earth Stations

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

Modification filed to add EchoStar satellites to be located at 110 W.L., 119 W.L., or 148 W.L. as points of communication.

SITE ID: 1

LOCATION: 530 ECHOSTAR DRIVE, LARAMIE, CHEYENNE, WY

41 ° 7 ' 56.00 " N LAT.

104 ° 44 ' 9.00 " W LONG.

ANTENNA ID: 1	13.2 meters	TIW	LMATT 13.2 KU
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17308.2500 - 17308.7500 MHz	1M50G2D	87.40 dBW	COMMAND BEACON (TT&C)
17300.0000 - 17800.0000 MHz	24M0M1F	87.40 dBW	DIGITAL, COMPRESSED VIDEO
12698.3500 - 12698.6500 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12202.3500 - 12202.6500 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12200.3500 - 12200.6500 MHz	300KG2D		TELEMETRY & TRACKING BEACON (TT&C)
12200.0000 - 12700.0000 MHz	24M0M1F		DIGITAL, COMPRESSED VIDEO

**Points of Communication:**

- 1 - EHOSTAR 2 - (119 W.L.)
- 1 - EHOSTAR 2 - (119 W.L.)
- 1 - EHOSTAR 4 - (119 W.L.)
- 1 - EHOSTAR 5 - (110 W.L.)
- 1 - EHOSTAR 6 - (119 W.L.)

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**SES-MOD-20030303-00294** P E950287 EchoStar Satellite Corporation

Application for Modification

**Class of Station:** Fixed Earth Stations

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

Modification filed to add EchoStar satellites to be located at 110 W.L., 119 W.L., or 148 W.L. as points of communication.

SITE ID: 1

LOCATION: 530 EHOSTAR DRIVE, LARAMINE, CHEYENNE, WY

41 ° 7 ' 56.00 " N LAT.

104 ° 44 ' 7.00 " W LONG.

ANTENNA ID: 1                      13.2 meters      TIW                                      LMATT 13.2 KU

17300.0000 - 17800.0000 MHz      24M0M1F      95.00 dBW      DIGITAL, COMPRESSED VIDEO

12200.0000 - 12700.0000 MHz      24M0M1F                                      DIGITAL, COMPRESSED VIDEO

**Points of Communication:**

- 1 - EHOSTAR 2 - (119 W.L.)
- 1 - EHOSTAR 4 - (119 W.L.)

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1 - EHOSTAR 5 - (110 W.L.)

1 - EHOSTAR 6 - (119 W.L.)

1 - EHOSTAR I - (148.0 W.L.)

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**SES-MOD-20030303-00340** P E000157 SPACECOM SYSTEMS, INC.

Application for Modification

**Class of Station:** Fixed Earth Stations

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

"MOD" to add a C-band transmit-only antenna.

SITE ID: 1

LOCATION: 6723 WEST STEGER ROAD, WILL, MONEE, IL

41 ° 28 ' 0.10 " N LAT.

87 ° 46 ' 36.20 " W LONG.

ANTENNA ID: 1	2.4 meters	PRODELIN	1245
14000.0000 - 14500.0000 MHz	23K1G7D	42.80 dBW	DIGITAL DATA
11700.0000 - 12200.0000 MHz	23K1G7D		DIGITAL DATA
ANTENNA ID: 2	2.4 meters	PRODELIN	2.4M
5925.0000 - 6425.0000 MHz	10K7G7W-	31.60 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	256KG7W	45.40 dBW	DIGITAL DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20030304-00291** P E000696 New Skies Networks, Inc.

Application for Modification

**Class of Station:** Fixed Earth Stations

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

New Skies requests that the designation "ALSAT" be added as a point of communication for this station. No technical changes to the current authorization for this station are required for it to communicate with "ALSAT" satellite, and all technical information in IB File No. SES-MOD-20020328-00434 is incorporated herein by reference. New Skies also requests that the Commission updates the remaining points of communication for this station, as described in the attached narrative application.

SITE ID: BRISTOW

LOCATION: 8031 Piney Branch RD, Prince William, Bristow, VA

38 ° 47 ' 2.40 " N LAT.

77 ° 34 ' 21.90 " W LONG.

ANTENNA ID: NSS-EC-1	16.4 meters	VERTEX	16.4 THC
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6600.0000 - 6639.0000 MHz	15K2G7W-	61.90 dBW	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
6600.0000 - 6639.0000 MHz	72M0G7W	85.40 dBW	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
6600.0000 - 6639.0000 MHz	36M0F3F	85.40 dBW	Standard Video
6425.5000 - 6560.0000 MHz	15K2G7W-	61.90 dBW	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
6425.5000 - 6560.0000 MHz	72M0G7W	61.90 dBW	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
6425.5000 - 6560.0000 MHz	36M0F3F	85.40 dBW	Standard Video
6175.5500 - 6177.0500 MHz	900KF1D	83.00 dBW	FM, TeleCommand Frequency 2
6172.9500 - 6174.4500 MHz	900KF1D	83.00 dBW	FM, TeleCommand Frequency 1
5925.0000 - 6425.0000 MHz	15K2G7W-	61.90 dBW	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
5925.0000 - 6425.0000 MHz	72M0G7W	61.90 dBW	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
5925.0000 - 6425.0000 MHz	36M0F3F	85.40 dBW	Standard Video
5850.0000 - 5925.0000 MHz	15K2G7W-	61.90 dBW	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.

5850.0000 - 5925.0000 MHz	72M0G7W	61.90 dBW	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
5850.0000 - 5925.0000 MHz	36M0F3F	85.40 dBW	Standard Video
4199.5000 - 4199.5000 MHz	NON		CW, Tracking Beacon
3952.2500 - 3952.7500 MHz	500KG7W		PM, Telemetry Beacon2
3951.7500 - 3952.2500 MHz	500KG7D		PM, Telemetry Beacon 2A
3950.0000 - 3950.0000 MHz	NON		CW, Tracking Beacon
3947.7500 - 3948.2500 MHz	500KG7D		PM, Telemetry Beacon 1A
3947.2500 - 3947.7500 MHz	500KG7D		PM, Telemetry Beacon 1
3947.2500 - 3947.7500 MHz	500KG7D		PM, Telemetry Beacon
3700.0000 - 4200.0000 MHz	15K2G7W-		BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
3700.0000 - 4200.0000 MHz	72M0G7W		BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
3700.0000 - 4200.0000 MHz	36M0F3F		Standard Video
3625.0000 - 3700.0000 MHz	15K2G7W-		BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
3625.0000 - 3700.0000 MHz	72M0G7W		BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
3625.0000 - 3700.0000 MHz	36M0F3F		Standard Video
3625.0000 - 3700.0000 MHz	45K0G1W		Voice, video, and data, QPSK, BPSK, 8PSK. FEC 3/4, FEC 7/8

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3625.0000 - 3700.0000 MHz	6M87G7W	Voice, video, and data, QPSK, BPSK, 8PSK. FEC 3/4, FEC 7/8
3625.0000 - 3700.0000 MHz	25M0G7W	Voice, video, and data, QPSK, BPSK, 8PSK. FEC 3/4, FEC 7/8
3625.0000 - 3700.0000 MHz	41M9G7W	Voice, video, and data, QPSK, BPSK, 8PSK. FEC 3/4, FEC 7/8
3625.0000 - 3700.0000 MHz	72M0G7W	Voice, video, and data, QPSK, BPSK, 8PSK. FEC 3/4, FEC 7/8
3625.0000 - 3700.0000 MHz	36M0F8W	Voice, video, and data, FM
3625.0000 - 3700.0000 MHz	30M0F8W	Voice, video, and data, FM
3625.0000 - 3700.0000 MHz	20M0G7W	Voice, video, and data, QPSK, BPSK, 8PSK. FEC 3/4, FEC 7/8

**Points of Communication:**

BRISTOW - ALSAT - (ALSAT)

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

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

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

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

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

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

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

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

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

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

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

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

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**SES-MOD-20030304-00292** P E980076 New Skies Networks, Inc.

Application for Modification

**Class of Station:** Fixed Earth Stations

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

New Skies requests that the designation "ALSAT" be added as a point of communication for this station. No technical changes to the current authorization for this station are required for it to communicate with "ALSAT" satellite, and all technical information in IB File No. SES-MOD-20010301-00417 is incorporated herein by reference. New Skies also requests that the Commission updates the remaining points of communication for this station, as described in the attached narrative application.

SITE ID: BRISTOW

LOCATION: 8031 PINEY BRANCH LANE, PRINCE WILLIAM, BRISTOW, VA

38 ° 47 ' 1.00 " N LAT.

77 ° 34 ' 23.00 " W LONG.

ANTENNA ID: 1	9 meters	VERTEX COMM.	9KPC
6304.3000 - 6425.0000 MHz	51K2G7D-	54.10 dBW	Digital data
6304.3000 - 6425.0000 MHz	4M80G7D	73.80 dBW	Digital data
5925.0000 - 6268.0000 MHz	51K2G7D-	54.10 dBW	Digital data
5925.0000 - 6268.0000 MHz	4M80G7D	73.80 dBW	Digital data
3700.0000 - 4200.0000 MHz			Digital data
ANTENNA ID: 9.3M	9.3 meters	VERTEX	KPC
11701.0000 - 11701.0000 MHz	NON		CW, Tracking beacon
11452.0000 - 11452.0000 MHz	NON		CW, Tracking beacon
11198.0000 - 11198.0000 MHz	NON		CW, Tracking beacon
6301.2900 - 6425.0000 MHz	43K8G7D-	53.70 dBW	Digital data
6301.2900 - 6425.0000 MHz	4M80G7D	74.09 dBW	Digital data
6175.5500 - 6177.0500 MHz	900KF1D	83.00 dBW	FM, Telecommand Frequency 2
6172.9500 - 6174.4500 MHz	900KF1D	83.00 dBW	FM, Telecommand Frequency 1
5925.0000 - 6271.0900 MHz	43K8G7D-	53.70 dBW	Digital data
5925.0000 - 6271.0900 MHz	4M80G7D	74.09 dBW	Digital data
3952.2500 - 3952.7500 MHz	500KG7D		PM, Telemetry Beacon 2 (Beacon 2 and 2A not simultaneous)
3952.2500 - 3952.7500 MHz	500KG7D		PM, Telemetry Beacon 2 (Beacon 2 and 2A not simultaneous)
3951.7500 - 3952.2500 MHz	500KG7D		PM, Telemetry Beacon 2 (Beacon 2 and 2A not simultaneous)



3947.7500 - 3948.2500 MHz	500KG7D	PM, Telemetry Beacon 1 (Beacon 1 and 1A not simultaneous)
3947.2500 - 3947.7500 MHz	500KG7D	PM, Telemetry Beacon 1 (Beacon 1 and 1A not simultaneous)
3700.0000 - 4200.0000 MHz	43K8G7D-	Digital data
3700.0000 - 4200.0000 MHz	4M80G7D	Digital data

**Points of Communication:**

BRISTOW - ALSAT - (ALSAT)

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

BRISTOW - PAS-2R - (43.0 W.L.)

**SES-REG-20030127-00081** E E6166 WITN Licensee Corp.

Registration

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 3057 Highway 17 South, Beaufort, Chocowinity, NC

35 ° 31 ' 2.00 " N LAT.

77 ° 5 ' 38.00 " W LONG.

ANTENNA ID: 1                      7 meters                      Scientific Atlanta                      Model 8010A

3700.0000 - 4200.0000 MHz                      36M0F8W

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-REG-20030127-00083** E E7634 WJHG Licensee Corp.

Registration

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 8195 Front Beach Road, Bay, Panama City, FL

30 ° 11 ' 0.00 " N LAT.

85 ° 46 ' 30.00 " W LONG.

ANTENNA ID: 1                      7 meters                      Satcom Technologies                      0

3700.0000 - 4200.0000 MHz                      36M0F8W                      0.00 dBW

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**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.