



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SES-00162

Wednesday March 8, 2000

## 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.

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SES-ASG-20000210-00202 E970458 TROY SYSTEMS, INC.

Application for Consent to Assignment

FROM: TROY SYSTEMS, INC.

TO: HERCULES SATELLITE CONNECTIONS, L.L.C.

No. of Station(s) listed: 2

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SES-LIC-19991207-02227 E880072 AEI MUSIC NETWORK, INC.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

This is a Reinstatement of an expired license for a Ku-band Transmit/Receive Earth Station.

SITE ID: 1

LOCATION: 900 EAST PINE STREET, KING, SEATTLE, WA

47 ° 36 ' 58.00 " N LAT.

122 ° 19 ' 9.00 " W LONG.

ANTENNA ID: A1	3.5 meters	VERTEX	K35-KJRL
14000.0000 - 14500.0000 MHz	950KG7W	55.35 dBW	DIGITAL AUDIO/DATA-336 KBPS, BPSK, 1/2
14500.0000 - 14500.0000 MHz	550KG7W	51.35 dBW	DIGITAL AUDIO-192 KBPS, BPSK, 1/2 FEC
14000.0000 - 14500.0000 MHz	550KG7W	51.35 dBW	DIGITAL AUDIO-192 KBPS, BPSK, 1/2 FEC
14000.0000 - 14500.0000 MHz	550KG7W	51.35 dBW	DIGITAL AUDIO-192 KBPS, BPSK, 1/2 FEC
11700.0000 - 12200.0000 MHz			

ANTENNA ID: A2	2.4 meters	PRODELIN	1247
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14000.0000 - 14500.0000 MHz	950KG7W	49.66 dBW	DIGITAL AUDIO/DATA-336 KBPS, BPSK, 1/2
11700.0000 - 12200.0000 MHz	950KG7W		
ANTENNA ID: A3	2.4 meters	PRODELIN	1247
14000.0000 - 14500.0000 MHz	950KG7W	49.66 dBW	DIGITAL AUDIO/DATA-336 KBPS, BPSK, 1/2
11700.0000 - 12200.0000 MHz			

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-19991215-02262** E000010 ALLIANCE PIPELINE LTD

Application for Authority

**Class of Station:** VSAT Network

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

SITE ID: HUB

LOCATION: 240 RIVER AVE., CANADA, COCHRANE

51 ° 11 ' 30.00 " N LAT.

114 ° 28 ' 44.00 " W LONG.

ANTENNA ID: REMOTE 1	1.8 meters	CHANNEL MASTER	TYPE 181
14000.0000 - 14500.0000 MHz	120KG7D	42.80 dBW	MSK, DATA
11700.0000 - 12200.0000 MHz	120KG7D		MSK, DATA
ANTENNA ID: ROMOTE 2	1.2 meters	CHANNEL MASTER	TYPE 121
14000.0000 - 14500.0000 MHz	120KG7D	42.80 dBW	MSK, DATA
11700.0000 - 12200.0000 MHz	120KG7D		MSK, DATA

**Points of Communication:**

HUB - ANIK E1 - (111.1 W.L.)

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**SES-LIC-20000202-00127** E000065 MEREDITH CORPORATION

Application for Authority

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

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

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1	3 meters	PRIM MARK	
14000.0000 - 14500.0000 MHz	36M0F9F	77.40 dBW	
14000.0000 - 14500.0000 MHz	30H0F9N	45.70 dBW	

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20000217-00249** E000094 HONEYWELL TECHNOLOGY SOLUTIONS INC.

Application for Authority

**Class of Station:** Fixed Earth Stations

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

SITE ID: TAGS-1

LOCATION: POKER FLAT, AK

64 ° 46 ' 10.00 " N LAT.

147 ° 22 ' 30.00 " W LONG.

ANTENNA ID: 11M	11 meters	EMP ELECTRO-MAGNETIC PROCESS INC.	300-11M
2025.0000 - 2120.0000 MHz		68.30 dBW	BPSK, QPSK

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2200.0000 - 2300.0000 MHz	BPSK
7000.0000 - 9000.0000 MHz	SQPSK, BPSK
ANTENNA ID: BORESITE      0.07 meters      HONEYWELL	300-.07

**Points of Communication:**

TAGS-1 - ALSAT - (ALSAT)

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**SES-LIC-20000218-00256**    E000095    EARTHWATCH, INCORPORATED

Application for Authority

**Class of Station:**    Fixed Earth Stations

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

SITE ID:            1

LOCATION:           1900 PIKE ROAD, BOULDER, LONGMONT, CO

40 ° 8 ' 23.00 " N LAT.

105 ° 7 ' 30.00 " W LONG.

ANTENNA ID: 1                    4.6 meters            ANDREW                    ES46-12AW	
14000.0000 - 14500.0000 MHz      65K1G7D            53.11 dBW	DIGITAL DATA, QPSK, FEC 3/4
10950.0000 - 11200.0000 MHz      65K1G7D	DIGITAL DATA, QPSK, FEC 3/4
11450.0000 - 12200.0000 MHz      65K1G7D	DIGITAL DATA, QPSK, FEC 3/4

**Points of Communication:**

1 - ALSAT - (ALSAT)

1 - INTELSAT POR -

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**SES-LIC-20000225-00268**    E000098    INDIANA HIGHER EDUCATION TELECOMMUNICATION SYSTEM

Application for Authority

**Class of Station:**    Fixed Earth Stations

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

SITE ID:            1

LOCATION:           714 N. SENATE AVENUE, MARION, INIANAPOLIS, IN

39 ° 46 ' 40.20 " N LAT.

86 ° 9 ' 49.00 " W LONG.

ANTENNA ID: 1                    2.4 meters            SATCOM RSI                    240K	
14000.0000 - 14500.0000 MHz      25M0F8F            65.00 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz      3M96G7F            62.00 dBW	DIGITAL VIDEO
11700.0000 - 12200.0000 MHz      25M0F8F	ANALOG VIDEO
11700.0000 - 12200.0000 MHz      3M96G7F	DIGITAL VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-19991022-01867**    E980375    ORBITAL IMAGING CORPORATION

Application for Modification

**Class of Station:**    Fixed Earth Stations

**Nature of Service:**    Earth Exploration Satellite Service

Modification file to change emission designators and to add frequency and to increase antenna height.

SITE ID:            STATION 2

LOCATION:           21700 ATLANTIC BLVD., LOUDOUN, DULLES, VA

39 ° 0 ' 56.00 " N LAT.

77 ° 25 ' 42.00 " W LONG.

ANTENNA ID: UHF-2                    M2 ENTERPRISES                    400 CP30M	
402.6900 - 402.7200 MHz            60K0F1D            34.00 dBW	FSK Command & Control Communications

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401.4700 - 401.5300 MHz	60K0F1D		Telemetry
ANTENNA ID: S-BAND-2	5.4 meters	SCIENTIFIC ATLANTA	V8x-Y PEDESTAL
2025.0000 - 2110.0000 MHz	128KG1D	55.00 dBW	PSK, NRZ-S, LINEAR PM, 1 RADIANT Command & Control
ANTENNA ID: 8 GHz-2	5.4 meters	SCIENTIFIC ATLANTA	V8x-Y PEDESTAL
8025.0000 - 8400.0000 MHz	36K0G1D		Image data & telemetry

**Points of Communication:**

STATION 2 - OrbView 3 - (Polar NGSO)

STATION 2 - OrbView 4 - (Polar NGSO)

**SES-MOD-19991022-01868** E980376 ORBITAL IMAGING CORPORATION

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Earth Exploration Satellite Service

New application to operate a 5.4-meter S-band, 8-GHz, and UHF earth station to provide command and control and data reception of the OrbView-3 and OrbView-4 satellites.

SITE ID: STATION 1

LOCATION: NORTH SLOPE, BARROW, AL

71 ° 16 ' 16.00 " N LAT.

156 ° 45 ' 59.00 " W LONG.

ANTENNA ID: UHF-1	M2 ENTERPRISES	400 CP30M
402.6900 - 402.7500 MHz	60K0F1D	34.00 dBW
		FSK Command & Control communications
401.4700 - 401.5300 MHz	60K0F1D	Telemetry
ANTENNA ID: S-BAND-1	5.4 meters	SCIENTIFIC ATLANTA
ANTENNA ID: 8 GHz-1	5.4 meters	SCIENTIFIC ATLANTA
8025.0000 - 8400.0000 MHz	36K0G1D	Image data & telemetry
8025.0000 - 8400.0000 MHz	150MG1D	Image data & telemetry

**Points of Communication:**

STATION 1 - OrbView 3 - (Polar NGSO)

STATION 1 - OrbView 4 - (Polar NGSO)

**SES-MOD-20000204-00155** E950146 THE NEW YORK TIMES COMPANY

Application for Modification

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

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

"MOD" to add a new emission designator, modulation type, and digital satellite news gathering capabilities to its existing transportable ku-band uplink license.

SITE ID: 1

LOCATION: 1801 GRAND AVE., DES MOINES, IA, VARIOUS

ANTENNA ID: 1	2.4 meters	VERTEX COMM.	2.4 DMK
14000.0000 - 14500.0000 MHz	25M0F3F	76.43 dBW	DIGITAL MCPC QPSK CARRIER FOR VIDEO/VOICE/DATA
14000.0000 - 14500.0000 MHz	36M0F3F	76.43 dBW	DIGITAL MCPC QPSK CARRIER FOR VIDEO/VOICE/DATA
14000.0000 - 14500.0000 MHz	7M65G7W	70.00 dBW	DIGITAL MCPC QPSK CARRIER FOR VIDEO/VOICE/DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20000204-00215** E900472 MCI WORLDCOM NETWORK SERVICES, INC.

Application for Modification

**Class of Station:** Fixed Earth Stations

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

Modification filed to add new emission designators, to add a Andrew 7.3-meter antenna.

SITE ID: 1

LOCATION: 3003 MOFFETT LANE, FORT BEND, HOUSTON, TX

29 ° 35 ' 1.00 " N LAT.

95 ° 30 ' 9.00 " W LONG.

ANTENNA ID: 1 11 meters HARRIS 6260

5925.0000 - 6425.0000 MHz 36M0F3F 76.30 dBW

3700.0000 - 4200.0000 MHz 36M0F3F

ANTENNA ID: HOU-6N 7.3 meters ANDREW ES73

5925.0000 - 6425.0000 MHz 36M0F3F 76.30 dBW VIDEO W/AUDIO

5925.0000 - 6425.0000 MHz 20M0G7W 76.30 dBW PSK W/VIDEO/AUDIO/DATA

5925.0000 - 6425.0000 MHz 50M0G7W 76.30 dBW PSK W/VIDEO/AUDIO/DATA

3700.0000 - 4200.0000 MHz 20M0G7W PSK W/VIDEO/AUDIO/DATA

3700.0000 - 4200.0000 MHz 50M0G7W PSK W/VIDEO/AUDIO/DATA

3700.0000 - 4200.0000 MHz 36M0F3F VIDEO W/AUDIO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20000215-00234** E6219 ASCENT ENTERTAINMENT GROUP, INC.

Application for Modification

**Class of Station:** Fixed Earth Stations

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

"MOD" to change existing emission designator and related service, and relocate existing fixed station.

SITE ID: 1

LOCATION: 10000 PERKINS ROAD, E BATON ROUGE, BATON ROUGE, LA

30 ° 22 ' 36.00 " N LAT.

91 ° 5 ' 48.00 " W LONG.

ANTENNA ID: 1 8 meters HARRIS 5349

14000.0000 - 14500.0000 MHz 112KG1D 59.10 dBW 56 KBPS KBSK 1/2 FEC 112 KBPS TRANSMISSION RATE

14000.0000 - 14500.0000 MHz 36M0F3W 81.10 dBW FM NTSC VIDEO WITH ASSOCIATED AUDIO

11700.0000 - 12200.0000 MHz 112KG1D 56 KBPS KBSK 1/2 FEC 112 KBPS TRANSMISSION RATE

11700.0000 - 12200.0000 MHz 36M0F3W FM NTSC VIDEO WITH ASSOCIATED AUDIO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20000215-00235** E890684 ASCENT ENTERTAINMENT GROUP, INC.

Application for Modification

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

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

"MOD" to replace existing antenna 5.0m with a 4.5m antenna complying with Section 25.209, and the reduction of EIRP requirements.

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SITE ID: 1  
LOCATION: VARIOUS

ANTENNA ID: 1	4.5 meters	ANDREW	ESA45A
14000.0000 - 14500.0000 MHz	112KG1D	53.50 dBW	56 KBPS BPSK, 1/2 FEC 112 KBPS TRANSMISSION RATE
14000.0000 - 14500.0000 MHz	36M0F3W	75.80 dBW	FM, NTSC VIDEO WITH ASSOCIATED AUDIO
11700.0000 - 12200.0000 MHz	112KG1D		56 KBPS BPSK, 1/2 FEC 112 KBPS TRANSMISSION RATE
11700.0000 - 12200.0000 MHz	36M0F3W		FM, NTSC VIDEO WITH ASSOCIATED AUDIO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20000215-00236** E890685 ASCENT ENTERTAINMENT GROUP, INC.

Application for Modification

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

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

"MOD" to replace existing antenna 5.0m with a 4.5m antenna complying with Section 25.209, and the reduction of EIRP requirements.

SITE ID: 1  
LOCATION: VARIOUS

ANTENNA ID: 1	4.5 meters	ANDREW	ESA45A
14000.0000 - 14500.0000 MHz	112KG1D	53.50 dBW	56 KBPS BPSK, 1/2 FEC 112 KBPS TRANSMISSION RATE
14000.0000 - 14500.0000 MHz	36M0F3W	75.80 dBW	FM, NTSC VIDEO WITH ASSOCIATED AUDIO
11700.0000 - 12200.0000 MHz	36M0F3W		FM, NTSC VIDEO WITH ASSOCIATED AUDIO
11700.0000 - 12200.0000 MHz	112KG1D		56 KBPS BPSK, 1/2 FEC 112 KBPS TRANSMISSION RATE

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20000215-00237** E890686 ASCENT ENTERTAINMENT GROUP, INC.

Application for Modification

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

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

"MOD" to replace an existing antenna 5.0m with a 4.5m antenna complying with Section 25.209, and the reduction of EIRP requirements.

SITE ID: 1  
LOCATION: VARIOUS

ANTENNA ID: 1	4.5 meters	ANDREW	ESA45A
14000.0000 - 14500.0000 MHz	112KG1D	53.50 dBW	56 KBPS BPSK, 1/2 FEC 112 KBPS TRANSMISSION RATE
14000.0000 - 14500.0000 MHz	36M0F3W	75.80 dBW	FM, NTSC VIDEO WITH ASSOCIATED AUDIO
11700.0000 - 12200.0000 MHz	36M0F3W		FM, NTSC VIDEO WITH ASSOCIATED AUDIO

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11700.0000 - 12200.0000 MHz

112KG1D

56 KBPS BPSK, 1/2 FEC 112 KBPS  
TRANSMISSION RATE

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20000215-00238** E890687 ASCENT ENTERTAINMENT GROUP, INC.

Application for Modification

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

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

"MOD" to replace existing 5.0m antenna with a 4.5m antenna complying with Section 25.209, and the reduction of EIRP requirements.

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1	4.5 meters	ANDREW	ESA45A
14000.0000 - 14500.0000 MHz	112KG1D	53.50 dBW	56 KBPS BPSK, 1/2 FEC 112 KBPS TRANSMISSION RATE
14000.0000 - 14500.0000 MHz	36M0F3W	75.80 dBW	FM, NTSC VIDEO WITH ASSOCIATED AUDIO
11700.0000 - 12200.0000 MHz	112KG1D		56 KBPS BPSK, 1/2 FEC 112 KBPS TRANSMISSION RATE
11700.0000 - 12200.0000 MHz	36M0F3W		FM, NTSC VIDEO WITH ASSOCIATED AUDIO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20000222-00259** E930047 GULF LINK COMMUNICATIONS, INC.

Application for Modification

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

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

Modification filed to add SatMex 5 and Intelsat K as points of communication, and to add new emission designators.

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1	4.5 meters	ANDREW	ESA45-46
14000.0000 - 14500.0000 MHz	36M0F9F	79.00 dBW	
14000.0000 - 14500.0000 MHz	30K0F3E	48.20 dBW	
14000.0000 - 14500.0000 MHz	36M0G7D	78.60 dBW	QPSK DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	2M00G7W	66.10 dBW	DIGITAL, QPSK, TELEVISION & DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

1 - New Skies K - (338.5 E.L.)

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

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