



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
445 12th STREET S.W.  
WASHINGTON D.C. 20554

News media information 202-418-0500  
Fax-On-Demand 202-418-2830; Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)  
TTY (202) 418-2555

Report No. SES-00904

Wednesday February 28, 2007

## 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-20070205-00187 E E070026 STM COMMUNICATIONS SERVICES INC.

Application for Authority

Class of Station: VSAT Network

Nature of Service: Domestic Fixed Satellite Service

SITE ID: IRVINE2

LOCATION: 2 FARADAY (4.5M. HUB-2), ORANGE, IRVINE, CA

33 ° 38 ' 27.60 " N LAT.

117 ° 43 ' 19.10 " W LONG.

|             |                             |            |                  |                                |
|-------------|-----------------------------|------------|------------------|--------------------------------|
| ANTENNA ID: | Hub 2                       | 4.5 meters | SHAANXI PROBECOM | K45T                           |
|             | 11700.0000 - 12200.0000 MHz | 4M50G7W    |                  | DIGITAL VIDEO, VOICE, AND DATA |
|             | 14000.0000 - 14500.0000 MHz | 2M20G7W    | 67.90 dBW        | DIGITAL VIDEO, VOICE, AND DATA |
|             | 14000.0000 - 14500.0000 MHz | 4M50G7W    | 71.00 dBW        | DIGITAL VIDEO, VOICE, AND DATA |
|             | 11700.0000 - 12200.0000 MHz | 2M20G7W    |                  | DIGITAL VIDEO, VOICE, AND DATA |

SITE ID: IRVINE3

LOCATION: 2 FARADAY (3.8M. HUB-3), ORANGE, IRVINE, CA

33 ° 38 ' 27.60 " N LAT.

117 ° 43 ' 19.10 " W LONG.

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|                             |            |                      |                                |
|-----------------------------|------------|----------------------|--------------------------------|
| ANTENNA ID: Hub 3           | 3.8 meters | PATRIOT ANTENNA SYS. | 380AZ                          |
| 11700.0000 - 12200.0000 MHz | 2M20G7W    |                      | DIGITAL VIDEO, VOICE, AND DATA |
| 11700.0000 - 12200.0000 MHz | 4M50G7W    |                      | DIGITAL VIDEO, VOICE, AND DATA |
| 14000.0000 - 14500.0000 MHz | 2M20G7W    | 66.90 dBW            | DIGITAL VIDEO, VOICE, AND DATA |
| 14000.0000 - 14500.0000 MHz | 4M50G7W    | 70.00 dBW            | DIGITAL VIDEO, VOICE, AND DATA |

SITE ID: REMOTE 1  
LOCATION: (1.0M. VSAT), 200 UNITS, CONUS, US, AK, HI

|                             |          |                      |                                |
|-----------------------------|----------|----------------------|--------------------------------|
| ANTENNA ID: R10             | 1 meters | PATRIOT ANTENNA SYS. | 100KUG                         |
| 11700.0000 - 12200.0000 MHz | 2M20G7W  |                      | DIGITAL VIDEO, VOICE, AND DATA |
| 14000.0000 - 14500.0000 MHz | 2M20G7W  | 46.70 dBW            | DIGITAL VIDEO, VOICE, AND DATA |
| 14000.0000 - 14500.0000 MHz | 4M50G7W  | 46.70 dBW            | DIGITAL VIDEO, VOICE, AND DATA |
| 11700.0000 - 12200.0000 MHz | 4M50G7W  |                      | DIGITAL VIDEO, VOICE, AND DATA |

SITE ID: Jacksonville1  
LOCATION: 4905 BELFORT ROAD, SUITE 145, (4.5M. HUB-1), DUVAL, JACKSONVILLE, FL  
30 ° 14 ' 44.00 " N LAT. 81 ° 34 ' 53.00 " W LONG.

|                             |            |                  |                                |
|-----------------------------|------------|------------------|--------------------------------|
| ANTENNA ID: Hub 1           | 4.5 meters | SHAANXI PROBECOM | K45T                           |
| 11700.0000 - 12200.0000 MHz | 2M20G7W    |                  | DIGITAL VIDEO, VOICE, AND DATA |
| 11700.0000 - 12200.0000 MHz | 4M50G7W    |                  | DIGITAL VIDEO, VOICE, AND DATA |
| 14000.0000 - 14500.0000 MHz | 4M50G7W    | 71.00 dBW        | DIGITAL VIDEO, VOICE, AND DATA |
| 14000.0000 - 14500.0000 MHz | 2M20G7W    | 67.90 dBW        | DIGITAL VIDEO, VOICE, AND DATA |

SITE ID: REMOTE 2  
LOCATION: (1.2M. VSAT), 200 UNITS, CONUS, US, AK, HI

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|                             |            |                      |                                |
|-----------------------------|------------|----------------------|--------------------------------|
| ANTENNA ID: R12             | 1.2 meters | PRODELIN CORPORATION | 1123                           |
| 11700.0000 - 12200.0000 MHz | 2M20G7W    |                      | DIGITAL VIDEO, VOICE, AND DATA |
| 11700.0000 - 12200.0000 MHz | 4M50G7W    |                      | DIGITAL VIDEO, VOICE, AND DATA |
| 14000.0000 - 14500.0000 MHz | 2M20G7W    | 48.00 dBW            | DIGITAL VIDEO, VOICE, AND DATA |
| 14000.0000 - 14500.0000 MHz | 4M50G7W    | 48.00 dBW            | DIGITAL VIDEO, VOICE, AND DATA |

SITE ID: REMOTE 3  
LOCATION: (1.8M. VSAT), 50 UNITS, CONUS, US, AK, HI

|                             |            |                      |                                |
|-----------------------------|------------|----------------------|--------------------------------|
| ANTENNA ID: R18             | 1.8 meters | PRODELIN CORPORATION | 1184                           |
| 11700.0000 - 12200.0000 MHz | 4M50G7W    |                      | DIGITAL VIDEO, VOICE, AND DATA |
| 14000.0000 - 14500.0000 MHz | 2M20G7W    | 52.50 dBW            | DIGITAL VIDEO, VOICE, AND DATA |
| 14000.0000 - 14500.0000 MHz | 4M50G7W    | 52.50 dBW            | DIGITAL VIDEO, VOICE, AND DATA |
| 11700.0000 - 12200.0000 MHz | 2M20G7W    |                      | DIGITAL VIDEO, VOICE, AND DATA |

**Points of Communication:**

- IRVINE2 - ALSAT - (ALSAT)
- IRVINE2 - SATMEX-5 - (116.8 W.L.)
- IRVINE3 - ALSAT - (ALSAT)
- IRVINE3 - SATMEX-5 - (116.8 W.L.)
- Jacksonville1 - ALSAT - (ALSAT)
- Jacksonville1 - SATMEX-5 - (116.8 W.L.)
- REMOTE 1 - ALSAT - (ALSAT)
- REMOTE 1 - SATMEX-5 - (116.8 W.L.)
- REMOTE 2 - ALSAT - (ALSAT)
- REMOTE 2 - SATMEX-5 - (116.8 W.L.)

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REMOTE 3 - ALSAT - (ALSAT)

REMOTE 3 - SATMEX-5 - (116.8 W.L.)

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**SES-LIC-20070207-00207** E E070029 Fisher Broadcasting - Portland TV, L.L.C.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1

**LOCATION:** VARIOUS

45 ° 30 ' 37.40 " N LAT.

122 ° 38 ' 38.30 " W LONG.

**ANTENNA ID:** 1 1.2 meters AvL Technology 1200

14000.0000 - 14500.0000 MHz 36M0G7W 64.46 dBW One 36 mb MCPC digital carrier, voice, and data with emission designation of 36M0G7W

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20070216-00237** E E070030 CapRock Communications, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** Atwater 574

**LOCATION:** Atwater Block 574, Gulf of Mexico, LA

27 ° 22 ' 12.30 " N LAT.

89 ° 55 ' 26.50 " W LONG.

**ANTENNA ID:** Seatel9797 2.4 meters Seatel 9797

5925.0000 - 6425.0000 MHz 760KG7W 53.35 dBW Digital

3700.0000 - 4200.0000 MHz 760KG7W 0.00 dBW Digital

**Points of Communication:**

Atwater 574 - INTELSAT AOR - (325.5 E.L.)

Atwater 574 - SATMEX-5 - (116.8 W.L.)

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**SES-LIC-20070216-00238** E E070031 SCRIPPS HOWARD BROADCASTING COMPANY

Application for Authority

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

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

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SITE ID: 1  
LOCATION: 1100 BANYON BLVD. (WPTV), W. PALM BEACH, VARIOUS

|                             |            |                  |                                  |
|-----------------------------|------------|------------------|----------------------------------|
| ANTENNA ID: 1               | 1.5 meters | ADVENT/NEWSSWIFT | 1.5M SNG                         |
| 14000.0000 - 14500.0000 MHz | 36M0G7W    | 67.50 dBW        | ONE DIGITAL FOR VIDEO/VOICE/DATA |
| 11700.0000 - 12200.0000 MHz | 36M0G7W    |                  | ONE DIGITAL FOR VIDEO/VOICE/DATA |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20070221-00261** E E070032 ARIZONA BOARD OF REGENTS FOR BENEFIT OF UNIVERSITY OF ARIZONA

Application for Authority

**Class of Station:** Fixed Earth Stations

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

"Correction" The emission designator 8M0G7W filed initially on FCC Form 312 was incorrect. Per e-mail dated February 27, 2007 its should have been (8M00G7W).

SITE ID: 1  
LOCATION: 1103 EAST 2ND STREET (UASat), PIMA, TUCSON, AZ  
32 ° 14 ' 3.00 " N LAT. 110 ° 57 ' 13.40 " W LONG.

|                             |            |                    |  |
|-----------------------------|------------|--------------------|--|
| ANTENNA ID: SciAtlSat       | 4.5 meters | SCIENTIFIC ATLANTA | 8345   |
| 14000.0000 - 14500.0000 MHz | 20M0G7W    | 77.50 dBW          | DIGITAL VIDEO, AUDIO, DATA, WITH SUBCARRIERS |
| 11700.0000 - 12200.0000 MHz | 20M0G7W    |                    | NULL   |
| 14000.0000 - 14500.0000 MHz | 8M00G7W    | 77.50 dBW          | DIGITAL VIDEO, AUDIO, DATA, WITH SUBCARRIERS |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20070213-00231** E E960173 RCN LICENSE SUBSIDIARY, INC.

Application for Modification

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

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

"MOD" to change from Fixed, Transmit/Receive facility to Temporary-Fixed, Transmit-only facility, emission designator, frequency(ies), increase EIRP and EIRP density, to replace antenna, and to relocate fixed station.

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SITE ID: 1  
LOCATION: 4175 CAMERON STREET SUITE B-10, VARIOUS

|                           |            |           |  |
|---------------------------|------------|-----------|--|
| ANTENNA ID: 1             | 4.1 meters | COMTECH   | OFFSAT   |
| 5925.0000 - 6425.0000 MHz | 36M0F3F    | 72.43 dBW | STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS   |
| 5925.0000 - 6425.0000 MHz | 36M0G7W    | 72.43 dBW | BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2-7/8, VARIOUS DATA RATES TO 45 MBPS, VARIOUS INFORMATION   |
| 5925.0000 - 6425.0000 MHz | 51K2G7W    | 54.27 dBW | BPSK, QPSK, 8PSK, QAM, FEC RATES 1/2-7/8, VARIOUS DATA RATES FROM 64 Kbps, VARIOUS INFORMATION |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20070214-00242** E E910164 REMOTE MANAGE, INC.

Application for Modification

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

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

"MOD" to revise emission designators and related services.

SITE ID: 1  
LOCATION: VARIOUS

|                           |            |           |   |
|---------------------------|------------|-----------|---|
| ANTENNA ID: 1             | 4.1 meters | COMTECH   | "18FT OFFSAT"   |
| 5925.0000 - 6425.0000 MHz | 36M0F3F    | 72.40 dBW | STANDARD ANALOG VIDEO   |
| 5925.0000 - 6425.0000 MHz | 36M0G7W    | 72.90 dBW | DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC |
| 5925.0000 - 6425.0000 MHz | 51K2G7W    | 54.00 dBW | DIGITAL TRAFFIC, VARIOUS INFORMATION, VARIOUS DATA RATES, VARIOUS FEC |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20070220-00255** E E980107 ARCTEK SATELLITE PRODUCTIONS, LLC

Application for Modification

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

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

"MOD" to change emission designator and related service, to increase EIRP and EIRP density, frequency and to replace antenna.

SITE ID: 1  
LOCATION: VARIOUS

|                             |            |                |  |
|-----------------------------|------------|----------------|--|
| ANTENNA ID: 1               | 1.8 meters | AVL TECHNOLOGY | 1800 USA SNG   |
| 14000.0000 - 14500.0000 MHz | 36M0G7W    | 72.72 dBW      | ONE 36 MBIT MCPC DIGITAL CARRIER FOR VOICE/DATA  |
| 14000.0000 - 14500.0000 MHz | 36M0F8W    | 72.72 dBW      | ONW WIDEBAND 36 MHZ FREQUENCY MODULATION VIDEO CARRIER WITH ASSOCIATED AUDIO AND ATIS SUBCARRIER |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20070220-00260** E E030205 ARINC INCORPORATED

Application for Modification

**Class of Station:** Mobile Earth Station

**Nature of Service:** Domestic Mobile-Satellite Service, Mobile Satellite Service

"MOD" to extend its radio license to enable mobile satellite earth stations aboard aircraft to provide two-way wideband services over the North Atlantic Oceanic Region.

SITE ID: 1  
LOCATION: AIRBORNE 2551 RIVA ROAD, CONUS

|                             |               |           |   |
|-----------------------------|---------------|-----------|---|
| ANTENNA ID: AIRBORNE        | 0.2921 meters | VIASAT    | 1000009   |
| 14000.0000 - 14500.0000 MHz | 14M4G7D       | 27.76 dBW | OQPSK, DIRECT SPREAD SPECTRUM WITH GMSK SHAPING, 32 KBPS DATE                         |
| 14000.0000 - 14500.0000 MHz | 28M8G7D       | 33.79 dBW | OQPSK, DIRECT SEQUENCE SPREAD SPECTRUM WITH GMSK SHAPING, 64-128 KBPS DATA            |
| 11700.0000 - 12200.0000 MHz | 36M0G7D       |           | OQPSK, Direct DIRECT SEQUENCE SPREAD SPECTRUM WITH SRRC SHAPING, 512 - 3510 KBPS DATA |

**Points of Communication:**

1 - AMC-6 - (72 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.