



# 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-00553

Wednesday November 19, 2003

## SATELLITE COMMUNICATIONS SERVICES INFORMATION

### RE: ACTIONS TAKEN

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

---

<b>SES-LIC-20030904-01219</b>	E E5401	NORLIGHT TELECOMMUNICATIONS, INC.	
Application for Authority			11/12/2003 - 11/12/2018
Grant of Authority			Date Effective: 11/12/2003

**Class of Station:** Fixed Earth Stations

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

A Reinstatement of an Expired C-band Transmit/Receive Earth Station License.

SITE ID: 1  
LOCATION: 3617 OAKTON STREET, COOK, SKOKIE, IL  
42 ° 1 ' 28.00 " N LAT. 87 ° 43 ' 7.00 " W LONG.

ANTENNA ID: 1	10 meters	SCIENTIFIC ATLANTA	8113A
5925.0000 - 6425.0000 MHz	36M0F8W	88.50 dBW	
5925.0000 - 6425.0000 MHz	36M0F8W	77.60 dBW	
5925.0000 - 6425.0000 MHz	36M0G9W	81.00 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	43K8G9W	61.70 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	43K8G9F	61.70 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0G9E	81.00 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	43K8G9E	61.70 dBW	DIGITAL TELEPHONY

---

5925.0000 - 6425.0000 MHz	36M0G9D	81.00 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G8W	81.00 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	43K8G8W	61.70 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	36M0G8F	81.00 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0G8E	81.00 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	43K8G8E	61.70 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	36M0G8D	81.00 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G7W	81.00 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	43K8G7W	61.70 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	36M0G7F	81.00 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	43K8G7F	61.70 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	43K8G7E	61.70 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	36M0G7D	81.00 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	43K8G7D	61.70 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G3W	81.00 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	36M0G3F	81.00 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0G3E	81.00 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	43K8G3E	61.70 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	36M0G3D	81.00 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	43K8G3D	61.70 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	43K8G2W	61.70 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	36M0G2D	81.00 dBW	DIGITAL VIDEO

---

5925.0000 - 6425.0000 MHz	43K8G2F	61.70 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	43K8G2E	61.70 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	36M0G2D	81.00 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	43K8G2D	61.70 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G1W	81.00 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	36M0G1F	81.00 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	43K8G1F	61.70 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0G1E	81.00 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	43K8G1E	61.70 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	43K8G1D	61.70 dBW	DIGITAL DATA
3700.0000 - 4200.0000 MHz	36M0F8W		
3700.0000 - 4200.0000 MHz	36M0G9W		COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	43K8G9W		COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G9F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G9F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G9E		DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G9D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G9D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G8W		COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G8F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G8F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G8E		DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G8D		DIGITAL DATA

---

3700.0000 - 4200.0000 MHz	36M0G7W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	43K8G7W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G7F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0G7E	DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	43K8G7E	DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	43K8G7D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	36M0G3W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	43K8G3W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	43K8G3F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0G3E	DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	43K8G3E	DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	43K8G3D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	36M0G2W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G2F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G2F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G2E	DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G2D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G2D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	36M0G1W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G1F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G1F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G1E	DIGITAL TELEPHONY

---

3700.0000 - 4200.0000 MHz	36M0G1D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G1D		DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G2F	81.00 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G1D	81.00 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	43K8G1W	61.70 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	36M0G2E	81.00 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	36M0G2W	81.00 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	43K8G3F	61.70 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	43K8G3W	61.70 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	36M0G7E	81.00 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	43K8G8D	61.70 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	43K8G8F	61.70 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	43K8G9D	61.70 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	36M0G9F	81.00 dBW	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0G1E		DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	43K8G1W		COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G2E		DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	43K8G2W		COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G3D		DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G3F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0G7D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G7F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G8D		DIGITAL DATA

3700.0000 - 4200.0000 MHz	36M0G8E		DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G8W		COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G9E		DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0F8W		
ANTENNA ID: 2	7 meters	SCIENTIFIC ATLANTA	8010C
5925.0000 - 6425.0000 MHz	36M0F8W	77.60 dBW	
5925.0000 - 6425.0000 MHz	36M0G9W	77.63 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	43K8G9W	58.80 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	43K8G9F	58.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0G9E	77.63 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	43K8G9E	58.80 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	43K8G9D	58.80 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	36M0G8W	77.63 dBW	COMBINATION OF CARRIERS
5925.0000 - 6425.0000 MHz	43K8G8W	58.80 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	36M0G8F	77.63 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0G8E	77.63 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	43K8G8E	58.80 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	36M0G8D	77.63 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	43K8G8D	58.80 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	43K8G7W	58.80 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	36M0G7F	77.63 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	43K8G7F	58.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	43K8G7E	58.80 dBW	DIGITAL TELEPHONY

---

5925.0000 - 6425.0000 MHz	36M0G7D	77.63 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	43K8G7D	58.80 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G3W	77.63 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	36M0G3F	77.63 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	43K8G3F	58.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0G3E	77.63 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	43K8G3E	58.80 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	43K8G3D	58.80 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G2W	77.63 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	43K8G2W	58.80 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	43K8G2F	58.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0G2E	77.63 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	36M0G2D	77.63 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	43K8G2D	58.80 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G1W	77.63 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	43K8G1W	58.80 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	43K8G1F	58.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0G1E	77.63 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	43K8G1E	58.80 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	43K8G1D	58.80 dBW	DIGITAL DATA
3700.0000 - 4200.0000 MHz	36M0F8W		
3700.0000 - 4200.0000 MHz	36M0F8W		

---

3700.0000 - 4200.0000 MHz	43K8G9W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G9F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G9F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G9E	DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G9D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G9D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G8W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G8F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G8F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G8E	DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G8D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G8D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G7W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G7F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G7F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G7E	DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G7D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G7D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G3W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G3F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0G3E	DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	43K8G3E	DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G3D	DIGITAL CARRIERS



---

3700.0000 - 4200.0000 MHz	43K8G3D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G2W		COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G2F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0G2E		DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	43K8G2E		DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G2D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G2D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G1W		COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G1F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G1F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0G1E		DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	43K8G1E		DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G1D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G1D		DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G2F	77.63 dBW	MODULATION AND SERVICES DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	36M0G7D	77.63 dBW	MODULATION AND SERVICES DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	36M0G1D	77.63 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G1F	77.63 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	43K8G2E	58.80 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	36M0G2D	77.63 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0G3D	77.63 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	43K8G3W	58.80 dBW	COMBINATION OF DIGITAL CARRIERS

---

5925.0000 - 6425.0000 MHz	36M0G7E	77.63 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	36M0G7W	77.63 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	43K8G8F	58.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0G9D	77.63 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G9F	77.63 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0F8W	77.60 dBW	
3700.0000 - 4200.0000 MHz	36M0G1W		COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	43K8G2F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0G2W		COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	43K8G3F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0G3W		COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G7E		DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G7W		COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G8E		DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G8W		COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G9E		DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G9W		COMBINATION OF DIGITAL CARRIERS

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-LIC-20030917-01293** E E030206 SCHULMAN MOBILE VIDEO

Application for Authority

11/12/2003 - 11/12/2018

Grant of Authority

Date Effective: 11/12/2003

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

---

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

SITE ID: 1  
LOCATION: VARIOUS

ANTENNA ID: 1	2.4 meters	VERTEX/RSI	2.4 DMK
11700.0000 - 12200.0000 MHz	36M0F8W		ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
11700.0000 - 12200.0000 MHz	3M00G7W -		DIGITAL VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
14000.0000 - 14500.0000 MHz	36M0G7W	71.80 dBW	DIGITAL VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
14000.0000 - 14500.0000 MHz	3M00G7W -	63.60 dBW	DIGITAL VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
14000.0000 - 14500.0000 MHz	36M0F8W	74.20 dBW	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - TELSTAR 6 - (93 W.L.)

---

**SES-LIC-20030923-01315** E E030212 ALOHA NETWORKS, INC.  
Application for Authority 11/12/2003 - 11/12/2018  
Grant of Authority Date Effective: 11/12/2003

**Class of Station:** VSAT Network

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

SITE ID: REMOTE1  
LOCATION: (1.2 METER VSAT) 500 UNITS, CONUS, HI, PR, VI

ANTENNA ID: REMOTE1A	1.2 meters	CHANNEL MASTER	120 TX
14000.0000 - 14500.0000 MHz	2M70G7D	46.30 dBW	QPSK DATA

11700.0000 - 12200.0000 MHz	1M35G7D	QPSK DATA
11700.0000 - 12200.0000 MHz	2M03G7D	QPSK DATA
11700.0000 - 12200.0000 MHz	2M70G7D	QPSK DATA

SITE ID: REMOTE2  
LOCATION: (1.8 METER VSAT) 10 UNITS, CONUS, HI, PR, VI

ANTENNA ID: REMOTE2A      1.8 meters      CHANNEL MASTER      180 TX

14000.0000 - 14500.0000 MHz	2M70G7D	52.80 dBW	QPSK DATA
11700.0000 - 12200.0000 MHz	1M35G7D		QPSK DATA
11700.0000 - 12200.0000 MHz	2M03G7D		QPSK DATA
11700.0000 - 12200.0000 MHz	2M70G7D		QPSK DATA

SITE ID: HUB  
LOCATION: 2823 GRIMVILLE ROAD (9.2 METER HUB), CARROLL COUNTY, WOODBINE, MD  
39 ° 22 ' 33.00 " N LAT.      77 ° 4 ' 54.00 " W LONG.

ANTENNA ID: HUBA      9.2 meters      SATCOM TECHNOLOGIES, INC.      9200K

14000.0000 - 14500.0000 MHz	1M35G7D	63.90 dBW	QPSK DATA
14000.0000 - 14500.0000 MHz	2M03G7D	62.10 dBW	QPSK DATA
14000.0000 - 14500.0000 MHz	2M70G7D	60.90 dBW	QPSK DATA
11700.0000 - 12200.0000 MHz	2M70G7D		QPSK DATA

**Points of Communication:**

HUB - AMC-4 (formerly GE-4 - (101 W.L.)  
REMOTE1 - AMC-4 (formerly GE-4 - (101 W.L.)  
REMOTE2 - AMC-4 (formerly GE-4 - (101 W.L.)

---

<b>SES-LIC-20030930-01352</b> E E030214      West Virginia Media Holdings, LLC	11/14/2003 - 11/14/2018
Application for Authority	Date Effective: 11/14/2003
Grant of Authority	

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

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

---

SITE ID: 1  
LOCATION: 13 Kanawha Blvd., USA, Charleston, WV

ANTENNA ID: 1	1.2 meters	AVL Technologies	1200USADSN
14000.0000 - 14500.0000 MHz	36M0G7W	64.29 dBW	QPSK MPEG-2 Digital Carrier for Video / Voice / Data
11700.0000 - 12200.0000 MHz		0.00 dBW	
14000.0000 - 14500.0000 MHz	36M0F8W	64.29 dBW	Analog TV FM Modulation Full Transponder / Audio & ATIS Subcarrier

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

SES-LIC-20031001-01353 E E030215 Jones Apparel Group  
Application for Authority 11/14/2003 - 11/14/2018  
Grant of Authority Date Effective: 11/14/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 200E Rittenhouse Circle, Bucks, Bristol, PA  
40 ° 6 ' 50.00 " N LAT. 74 ° 53 ' 10.00 " W LONG.

ANTENNA ID: 1	2.4 meters	Prodelin	1251
14000.0000 - 14500.0000 MHz	1M00G7W	48.10 dBW	QPSK, DATA, 768 KBPS INFORMATION RATE CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		QPSK, DATA, 128 KBPS INFORMATION RATE CARRIER
14000.0000 - 14500.0000 MHz	7M50G7W	57.10 dBW	QPSK, DATA, 6080 KBPS INFORMATION RATE CARRIER
11700.0000 - 12200.0000 MHz	1M90G7W		QPSK, DATA, 1536 INFORMATION RATE CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**Class of Station:** Fixed Earth Stations

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

SITE ID: REMOTE 2 (1.2M)

LOCATION: CONUS 1.2M (25 TERMINALS)

ANTENNA ID:	REMOTE 2	1.2 meters	CHANNEL MASTER	120
	14000.0000 - 14500.0000 MHz		100KG7D 43.30 dBW	DIGITAL DATA
	14000.0000 - 14500.0000 MHz		200KG7D 46.30 dBW	DIGITAL DATA
	14000.0000 - 14500.0000 MHz		1M40G7D 49.30 dBW	DIGITAL DATA
	14000.0000 - 14500.0000 MHz		2M40G7D 49.30 dBW	DIGITAL DATA
	14000.0000 - 14500.0000 MHz		2M80G7D 49.30 dBW	DIGITAL DATA
	14000.0000 - 14500.0000 MHz		4M90G7D 49.30 dBW	DIGITAL DATA
	11700.0000 - 12200.0000 MHz		100KG7D	DIGITAL DATA
	11700.0000 - 12200.0000 MHz		200KG7D	DIGITAL DATA
	11700.0000 - 12200.0000 MHz		1M40G7D	DIGITAL DATA
	11700.0000 - 12200.0000 MHz		2M40G7D	DIGITAL DATA
	11700.0000 - 12200.0000 MHz		2M80G7D	DIGITAL DATA
	11700.0000 - 12200.0000 MHz		4M90G7D	DIGITAL DATA

SITE ID: REMOTE 1 (2.4M)

LOCATION: CONUS 2.4M (100 TERMINALS)

ANTENNA ID:	REMOTE 1	2.4 meters	PRODELIN	1251
	14000.0000 - 14500.0000 MHz		100KG7D 49.20 dBW	QPSK, Data
	14000.0000 - 14500.0000 MHz		200KG7D 52.20 dBW	BPSK, Data
	14000.0000 - 14500.0000 MHz		1M40G7D 52.20 dBW	QPSK, Data
	14000.0000 - 14500.0000 MHz		2M40G7D 52.20 dBW	QPSK, Data

14000.0000 - 14500.0000 MHz	2M80G7D	52.20 dBW	BPSK, Data
14000.0000 - 14500.0000 MHz	4M90G7D	52.20 dBW	BPSK, Data
11700.0000 - 12200.0000 MHz	100KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	200KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	1M40G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M40G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M80G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	4M90G7D		DIGITAL DATA

SITE ID: HUB (6.1M)

LOCATION: 1710 W. WILLOW STREET, LAYAYETTE, SCOTT, LA

30 ° 18 ' 37.70 " N LAT.

92 ° 3 ' 6.40 " W LONG.

ANTENNA ID: HUB 6.1M      6.1 meters      VERTEX      6.1 KPK

14000.0000 - 14500.0000 MHz	100KG7D	53.80 dBW	QPSK, Data
14000.0000 - 14500.0000 MHz	200KG7D	56.80 dBW	BPSK, Data
14000.0000 - 14500.0000 MHz	1M40G7D	65.50 dBW	QPSK, Data
14000.0000 - 14500.0000 MHz	2M40G7D	65.80 dBW	QPSK, Data
14000.0000 - 14500.0000 MHz	2M80G7D	65.80 dBW	BPSK, Data
14000.0000 - 14500.0000 MHz	4M90G7D	65.80 dBW	BPSK, Data
13750.0000 - 14000.0000 MHz	100KG7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	200KG7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	1M40G7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	2M40G7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	2M80G7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	4M90G7D	68.00 dBW	DIGITAL DATA
11700.0000 - 12200.0000 MHz	100KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	200KG7D		DIGITAL DATA

---

11700.0000 - 12200.0000 MHz	1M40G7D	DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M40G7D	DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M80G7D	DIGITAL DATA
11700.0000 - 12200.0000 MHz	4M90G7D	DIGITAL DATA

SITE ID: HUB (4.5M)

LOCATION: 1710 W. WILLOW STREET, LAYAYETTE, SCOTT, LA

30 ° 14 ' 36.70 " N LAT.

92 ° 3 ' 6.40 " W LONG.

ANTENNA ID: HUB 4.5M      4.5 meters      ANDREW CORP.      ESA 45-46B

14000.0000 - 14500.0000 MHz	100KG7D	53.80 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	200KG7D	56.80 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	1M40G7D	65.50 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	2M40G7D	65.80 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	4M90G7D	65.80 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	2M80G7D	65.80 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	100KG7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	200KG7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	1M40G7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	2M40G7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	4M90G7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	2M80G7D	68.00 dBW	DIGITAL DATA
11700.0000 - 12200.0000 MHz	100KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	200KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	1M40G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M40G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	4M90G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M80G7D		DIGITAL DATA



---

**Points of Communication:**

HUB (4.5M) - ALSAT - (ALSAT)

HUB (4.5M) - AMC-3 - (87 W.L.)

HUB (4.5M) - PAS-1R - (45.0 W.L.)

HUB (4.5M) - PAS-3R - (43.0 W.L.)

HUB (6.1M) - ALSAT - (ALSAT)

HUB (6.1M) - AMC-3 - (87 W.L.)

HUB (6.1M) - PAS-1R - (45.0 W.L.)

HUB (6.1M) - PAS-3R - (43.0 W.L.)

REMOTE 1 (2.4M) - ALSAT - (ALSAT)

REMOTE 2 (1.2M) - ALSAT - (ALSAT)

---

**SES-MOD-20030512-00639** E E000723 The Boeing Company

Application for Modification

12/21/2001 - 12/21/2011

Grant of Authority

Date Effective: 11/14/2003

**Class of Station:** Mobile Earth Station

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

**SITE ID:** 1

**LOCATION:** 800 METS ABOARD AIRCRAFT OPERATING IN US INCL. AIRSPACE ABOVE TERRITORIAL WATERS, AIRCRAFT

<b>ANTENNA ID:</b> ATR-1A	0.371 meters	BOEING	ATR-1A PHASED ARRAY
14000.0000 - 14500.0000 MHz	24M3G7D	51.20 dBW	OQPSK, DATA, advanced two-way broadband AMSS service
14000.0000 - 14500.0000 MHz	32M4G7D	51.20 dBW	OQPSK, DATA, advanced two-way broadband AMSS service
11700.0000 - 12200.0000 MHz	20M0G7D		OQPSK, DATA, advanced two-way broadband AMSS service
11700.0000 - 12200.0000 MHz	32M4G7D		OQPSK, DATA, advanced two-way broadband AMSS service
<b>ANTENNA ID:</b> ATR-1B	0.196 meters	BOEING	REFLECTOR .196x.65m
14000.0000 - 14500.0000 MHz	32M4G7D	46.70 dBW	OQPSK, DATA, advanced two-way broadband AMSS service

11700.0000 - 12200.0000 MHz	32M4G7D		OQPSK, DATA, advanced two-way broadband AMSS service
11700.0000 - 12200.0000 MHz	20M0G7D		OQPSK, DATA, advanced two-way broadband AMSS service
14000.0000 - 14500.0000 MHz	24M3G7D	46.70 dBW	OQPSK, DATA, advanced two-way broadband AMSS service

**Points of Communication:**

1 - AMC-4 (formerly GE-4 - (101 W.L.)

1 - TELSTAR 6 - (93 W.L.)

---

<b>SES-MOD-20030617-00859</b>	E	E880423	QUALCOMM INCORPORATED	
Application for Modification				02/14/1999 - 02/14/2009
Grant of Authority				Date Effective: 11/14/2003

**Class of Station:** Blanket Earth Stations

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

SITE ID: REMOTE 1  
LOCATION: VSAT 0.8M. ( 400,600 units), CONUS

ANTENNA ID: REMOTE 1      0.08 meters      QUALCOMM INCORPORATED      10-J5226-1

14000.0000 - 14500.0000 MHz	48M0F1D	20.00 dBW	DIRECT SEQUENCE SPREAD SPECTRUM WAVEFORM
11700.0000 - 12200.0000 MHz	2M00G1D		
14000.0000 - 14500.0000 MHz	36M0F1D	20.00 dBW	
11700.0000 - 12200.0000 MHz	36M0F1D		

**Points of Communication:**

REMOTE 1 - ALSAT - (ALSAT)

---

<b>SES-MOD-20030811-01188</b>	E	E000329	Clear Channel Satellite Services	
Application for Modification				08/23/2000 - 08/23/2010
Grant of Authority				Date Effective: 11/10/2003

**Class of Station:** Fixed Earth Stations

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

---

SITE ID: CS0102  
LOCATION: 1819 Peachtree Rd Suite 700, Fulton, Atlanta, GA  
33 ° 48 ' 16.00 " N LAT. 84 ° 23 ' 35.00 " W LONG.

ANTENNA ID: CS0102 2.4 meters Channel Master 62-25356-01  
14000.0000 - 14500.0000 MHz 400KG1D 54.64 dBW QPSK  
11700.0000 - 12200.0000 MHz 400KG1D 0.00 dBW QPSK

SITE ID: RM0403  
LOCATION: One Quality Way, Henderson, Fletcher, NC  
35 ° 23 ' 5.00 " N LAT. 82 ° 30 ' 7.00 " W LONG.

ANTENNA ID: RM0403 1.8 meters Channel Master 62-18356-01  
14000.0000 - 14500.0000 MHz 400KG1D 52.03 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER  
11700.0000 - 12200.0000 MHz 400KG1D 0.00 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: RM0404  
LOCATION: 13456 Lovers Lane, Culpeper, Culpeper, VA  
38 ° 28 ' 23.00 " N LAT. 77 ° 59 ' 36.00 " W LONG.

ANTENNA ID: RM0404 1.8 meters Channel Master 62-18356-01  
14000.0000 - 14500.0000 MHz 400KG1D 52.03 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER  
11700.0000 - 12200.0000 MHz 400KG1D 0.00 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: CS0105  
LOCATION: 4949 SW McAdam, Multnomah, Portland, OR  
45 ° 29 ' 4.00 " N LAT. 122 ° 40 ' 31.00 " W LONG.

ANTENNA ID: CS0105 2.4 meters Channel Master 62-25356-01  
14000.0000 - 14500.0000 MHz 400KG1D 54.64 dBW QPSK  
11700.0000 - 12200.0000 MHz 400KG1D 0.00 dBW QPSK

SITE ID: CS0104  
LOCATION: 4695 S. Monaco St, Denver, Denver, CO  
39 ° 37 ' 43.00 " N LAT. 104 ° 54 ' 44.00 " W LONG.

ANTENNA ID: CS0104 2.4 meters Channel Master 62-25356-01

14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	QPSK
SITE ID: CS0111			
LOCATION: 1801 W. Grand Ave., Polk, Des Moines, IA			
41 ° 35 ' 11.00 " N LAT.		93 ° 30 ' 34.00 " W LONG.	
ANTENNA ID: CS0111	2.4 meters	Channel Master	62-25356-01
14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	QPSK
SITE ID: GW05			
LOCATION: P.O. Box 645, Washington, Brenham, TX			
30 ° 9 ' 39.00 " N LAT.		96 ° 24 ' 7.00 " W LONG.	
ANTENNA ID: GW05	2.4 meters	Prodelin	1251-500
14000.0000 - 14500.0000 MHz	400KG1D	54.13 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
SITE ID: CS0108			
LOCATION: 1111 St. Gregory St., Hamilton, Cincinnati, OH			
39 ° 6 ' 29.00 " N LAT.		84 ° 29 ' 53.00 " W LONG.	
ANTENNA ID: CS0108	2.4 meters	Channel Master	62-25356-01
14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	QPSK
SITE ID: CS0109			
LOCATION: 1130 E. Desert Inn Rd., Clark, Las Vegas, NV			
36 ° 7 ' 51.00 " N LAT.		115 ° 8 ' 24.00 " W LONG.	
ANTENNA ID: CS0109	2.4 meters	Channel Master	62-25256-01
14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	QPSK
SITE ID: CS0113			
LOCATION: 15620 Ventura Blvd. #500, Los Angeles, Sherman Oaks, CA			
34 ° 9 ' 10.00 " N LAT.		118 ° 27 ' 53.00 " W LONG.	

---

ANTENNA ID: CS0113          2.4 meters          Channel Master          62-25356-01

14000.0000 - 14500.0000 MHz          400KG1D          54.64 dBW          QPSK

11700.0000 - 12200.0000 MHz          400KG1D          0.00 dBW          QPSK

SITE ID:          TT1816

LOCATION:          7042 S. Revere Pkwy Suite 450, Arapahoe, Englewood, CO

ANTENNA ID: TT1816          1.8 meters          Prodelin          Series 1189

14000.0000 - 14500.0000 MHz          400KG1D          49.51 dBW          SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz          400KG1D          0.00 dBW          SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID:          GW07

LOCATION:          250 TEQUESTA DRIVE, TEQUESTA, PALM BEACH, FL

26 ° 57 ' 28.00 " N LAT.

80 ° 4 ' 41.00 " W LONG.

ANTENNA ID: GW07          2.4 meters          Prodelin          1251-500

14000.0000 - 14500.0000 MHz          400KG1D          54.13 dBW          SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz          400KG1D          0.00 dBW          SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID:          TT1808

LOCATION:          7042 S. REVERE PKWY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO

ANTENNA ID: TT1808          1.8 meters          Prodelin          SERIES 1189

14000.0000 - 14500.0000 MHz          400KG1D          49.52 dBW          SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz          400KG1D          0.00 dBW          SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID:          TT1804

LOCATION:          7042 S. REVERE PKWY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO

ANTENNA ID: TT1804          1.8 meters          Prodelin          SERIES 1189

14000.0000 - 14500.0000 MHz          400KG1D          51.53 dBW          SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz          400KG1D          0.00 dBW          SCPC 3/4 RATE QPSK DIGITAL CARRIER

---

SITE ID: TT1802  
LOCATION: 7042 S. REVERE PKWY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO

ANTENNA ID: TT1802      1.8 meters      Prodelin      SERIES 1189

14000.0000 - 14500.0000 MHz      400KG1D      52.04 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: TT1216  
LOCATION: 7042 S. REVERE PKWY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO

ANTENNA ID: TT1216      1.2 meters      Prodelin      SERIES 1139

14000.0000 - 14500.0000 MHz      400KG1D      46.21 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: TT1208  
LOCATION: 7042 S. REVERE PKWY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO

ANTENNA ID: TT1208      1.2 meters      • Prodelin      SERIES 1139

14000.0000 - 14500.0000 MHz      400KG1D      46.22 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: TT1204  
LOCATION: 7042 S. REVERE PKWY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO

ANTENNA ID: TT1204      1.2 meters      • Prodelin      SERIES 11139

14000.0000 - 14500.0000 MHz      400KG1D      48.23 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: TT1202  
LOCATION: 7042 S. REVERE PKWY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO

ANTENNA ID: TT1202      1.2 meters      Prodelin      SERIES 1139

14000.0000 - 14500.0000 MHz      400KG1D      48.74 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

---

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID:      TRANSPORTABLE ONE

LOCATION:      7042 SO REVERE PARKWAY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO

ANTENNA ID:    M1-120544      1.2 meters      Channel Master      TYPE 121

14000.0000 - 14500.0000 MHz      400KG1B      49.30 dBW      QPSK

11700.0000 - 12200.0000 MHz      400KG1B      QPSK

SITE ID:      PRN IN

LOCATION:      6161 FALL CREEK ROAD, MARION, INDIANAPOLIS, IN

39 ° 51 ' 54.00 " N LAT.      86 ° 3 ' 43.00 " W LONG.

ANTENNA ID:    PRN IN      2.4 meters      Channel Master      243 TX/RX

14000.0000 - 14500.0000 MHz      400KG1D      54.64 dBW      QPSK

11700.0000 - 12200.0000 MHz      400KG1D      QPSK

SITE ID:      PRN NC

LOCATION:      801 WOODRIDGE CENTER DR, MECKLENBERG, CHARLOTTE, NC

35 ° 10 ' 34.00 " N LAT.      80 ° 53 ' 34.00 " W LONG.

ANTENNA ID:    PRN NC2      2.4 meters      Prodelin      1244

14000.0000 - 14500.0000 MHz      400KG1D      54.64 dBW      QPSK

11700.0000 - 12200.0000 MHz      400KG1D      QPSK

ANTENNA ID:    PRN NC1      4.6 meters      Andrew Corporation      ES46-124W

14000.0000 - 14500.0000 MHz      400KG1D      64.54 dBW      QPSK

11700.0000 - 12200.0000 MHz      400KG1D      QPSK

SITE ID:      TRANSPORTABLE TWO

LOCATION:      7042 SO. REVERE PARKWAY SUITE 450, ARAPAHOE, ENGLEWOOD, CO

ANTENNA ID:    M2-120545      0.75 meters      Channel Master

14000.0000 - 14500.0000 MHz      400KG1B      41.30 dBW      QPSK

11700.0000 - 12200.0000 MHz      400KG1B      QPSK

---

SITE ID: CC LIMA  
 LOCATION: 667 WEST MARKET STREET, LIMA, OH  
 40 ° 44 ' 23.20 " N LAT. 84 ° 6 ' 57.30 " W LONG.

ANTENNA ID: CC LIMA 1      3.8 meters      Prodelin      1383  
 6331.0000 - 6360.0000 MHz      308KG7E      64.30 dBW      DIGITAL  
 3700.0000 - 4200.0000 MHz      308KG7E      DIGITAL

SITE ID: TRUTH RADIO NETWORK  
 LOCATION: 652 NORTH THOMPSON, SAN LUIS OBISPO, NIPOMO, CA  
 35 ° 2 ' 48.00 " N LAT. 120 ° 29 ' 39.00 " W LONG.

ANTENNA ID: TRN01      2.4 meters      Channel Master      243  
 14000.0000 - 14500.0000 MHz      400KG1D      54.64 dBW      QPSK  
 11700.0000 - 12200.0000 MHz      400KG1D      QPSK

SITE ID: CC PORT ST LUCY  
 LOCATION: 3371 S.E. JENNINGS ROAD, PORT ST LUCY, PORT ST LUCY, FL  
 27 ° 16 ' 29.00 " N LAT. 80 ° 17 ' 11.00 " W LONG.

ANTENNA ID: CC PSL      2.4 meters      Channel Master      243 TX/RX  
 14000.0000 - 14500.0000 MHz      400KG1D      54.64 dBW      QPSK  
 11700.0000 - 12200.0000 MHz      400KG1D      QPSK

SITE ID: CC MINNEAPOLIS  
 LOCATION: 7900 ZERXES AVE., SUITE 102, MINNEAPOLIS, MINNEAPOLIS, MN  
 44 ° 51 ' 0.00 " N LAT. 93 ° 20 ' 52.00 " W LONG.

ANTENNA ID: CC MINN      2.4 meters      Channel Master      243 TX/RX  
 14000.0000 - 14500.0000 MHz      400KG1D      54.64 dBW      QPSK  
 11700.0000 - 12200.0000 MHz      400KG1D      QPSK

SITE ID: PRN NV  
 LOCATION: HC65 BOX 71885, NYE, PAHRUMP, NV  
 36 ° 5 ' 0.00 " N LAT. 115 ° 57 ' 30.00 " W LONG.

ANTENNA ID: PRNOO3      1.8 meters      Channel Master      6901  
 14000.0000 - 14500.0000 MHz      400KG1D      52.54 dBW      SCPC 3/4 RATE QPSK DIGITAL  
 CARRIER





---

SITE ID: CC CLEVELAND  
LOCATION: 6200 OAK TREE BLVD., CUYAHOGA, INDEPENDENCE, OH  
41 ° 23 ' 36.00 " N LAT. 81 ° 39 ' 44.00 " W LONG.

ANTENNA ID: CCLEVELAN 2.4 meters Channel Master 243 TX/RX  
14000.0000 - 14500.0000 MHz 400KG1D 54.64 dBW QPSK  
11700.0000 - 12200.0000 MHz 400KG1D QPSK

SITE ID: CCSS ENGLEWOOD  
LOCATION: 7042 SO REVERE PARKWAY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO  
39 ° 35 ' 51.00 " N LAT. 104 ° 50 ' 24.00 " W LONG.

SITE ID: DPS PUEBLO  
LOCATION: 28881 GAIL ROAD, PUEBLO, CO  
38 ° 14 ' 53.00 " N LAT. 104 ° 31 ' 38.00 " W LONG.

ANTENNA ID: PUEBLO 1.2 meters Channel Master 121

SITE ID: CCSS ENGLEWOOD  
LOCATION: 7042 SO REVERE PARKWAY SUITE 450, ARAPAHOE, ENGLEWOOD, CO  
39 ° 35 ' 51.00 " N LAT. 104 ° 50 ' 24.00 " W LONG.

ANTENNA ID: GE2-2.4 2.4 meters Channel Master 62-24356-01  
14000.0000 - 14500.0000 MHz 400KG1D 54.64 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER  
11700.0000 - 12200.0000 MHz 400KG1D 0.00 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER

ANTENNA ID: GE1-1.8 1.8 meters Channel Master 183 TX/RX  
14000.0000 - 14500.0000 MHz 400KG1D 52.54 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER  
11700.0000 - 12200.0000 MHz 400KG1D SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: GW04  
LOCATION: 1103 Jamestown Rd, Burke, Morganton, NC  
35 ° 44 ' 40.00 " N LAT. 84 ° 41 ' 8.00 " W LONG.

ANTENNA ID: GW04 2.4 meters Channel Master 62-24356-01  
14000.0000 - 14500.0000 MHz 400KG1D 54.64 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER

---

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID:      RM0401

LOCATION:      4351 North Atlantic, Oakland, Auburn Hills, MI

42 ° 40 ' 50.00 " N LAT.

83 ° 12 ' 36.00 " W LONG.

ANTENNA ID:    RM0401      2.4 meters      Channel Master      62-24356-01

14000.0000 - 14500.0000 MHz      400KG1D      54.13 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID:      RM0402

LOCATION:      9301 South M-221, Chippewa, Brimley, MI

46 ° 24 ' 20.00 " N LAT.

84 ° 34 ' 38.00 " W LONG.

ANTENNA ID:    RM0402      1.8 meters      Channel Master      62-18356-01

14000.0000 - 14500.0000 MHz      400KG1D      52.03 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID:      GW02

LOCATION:      760 Providence Rd., Worcester, Whitinsville, MA

42 ° 6 ' 47.00 " N LAT.

71 ° 40 ' 5.00 " W LONG.

ANTENNA ID:    GW02      2.4 meters      Channel Master      62-24356-01

14000.0000 - 14500.0000 MHz      400KG1D      54.64 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID:      GW03

LOCATION:      Ames RC BLDG N254, Santa Clara, Moffett Field, CA

37 ° 25 ' 7.00 " N LAT.

122 ° 3 ' 13.00 " W LONG.

ANTENNA ID:    GW03      2.4 meters      Channel Master      62-24356-01

14000.0000 - 14500.0000 MHz      400KG1D      54.64 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

---

SITE ID: RM0405  
LOCATION: 400 Ridgefield Ct., Buncombe, Asheville, NC  
35 ° 35 ' 32.00 " N LAT. 82 ° 34 ' 26.00 " W LONG.

ANTENNA ID: RM0405	1.8 meters	Channel Master	62-18356-01
14000.0000 - 14500.0000 MHz	400KG1D	52.03 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER

**Points of Communication:**

- CC BOISE - ALSAT - (ALSAT)
- CC BURBANK - ALSAT - (ALSAT)
- CC CLEVELAND - ALSAT - (ALSAT)
- CC LIMA - ALSAT - (ALSAT)
- CC MINNEAPOLIS - ALSAT - (ALSAT)
- CC PORT ST LUCY - ALSAT - (ALSAT)
- CC SAN DIEGO - ALSAT - (ALSAT)
- CC TAMPA - ALSAT - (ALSAT)
- CCSS ENGLEWOOD - ALSAT - (ALSAT)
- CCSS ENGLEWOOD - ALSAT - (ALSAT)
- CS0102 - ALSAT - (ALSAT)
- CS0104 - ALSAT - (ALSAT)
- CS0105 - ALSAT - (ALSAT)
- CS0108 - ALSAT - (ALSAT)
- CS0109 - ALSAT - (ALSAT)
- CS0111 - ALSAT - (ALSAT)
- CS0113 - ALSAT - (ALSAT)
- DPS PUEBLO - ALSAT - (ALSAT)
- GW02 - ALSAT - (ALSAT)
- GW03 - ALSAT - (ALSAT)

GW04 - ALSAT - (ALSAT)

GW05 - ALSAT - (ALSAT)

PRN IN - ALSAT - (ALSAT)

PRN NC - ALSAT - (ALSAT)

PRN NV - ALSAT - (ALSAT)

RM0401 - ALSAT - (ALSAT)

RM0402 - ALSAT - (ALSAT)

RM0403 - ALSAT - (ALSAT)

RM0404 - ALSAT - (ALSAT)

RM0405 - ALSAT - (ALSAT)

TRANSPORTABLE ONE - ALSAT - (ALSAT)

TRANSPORTABLE TWO - ALSAT - (ALSAT)

TRUTH RADIO NETWORK - ALSAT - (ALSAT)

TT1202 - ALSAT - (ALSAT)

TT1204 - ALSAT - (ALSAT)

TT1208 - ALSAT - (ALSAT)

TT1816 - ALSAT - (ALSAT)

**SES-MOD-20030826-01231** P E980353 KSAZ License, Inc.

Application for Modification

01/21/1999 - 01/21/2009

Grant of Authority

Date Effective: 11/14/2003

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

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

NOTE: These additional Frequency Bands 10950 MHz - 12750 MHz for the Receive mode in original filing has been changed to the domestic only conventional KU-Band Receive mode Frequency Bands of 11700 MHz - 12200 MHz per letter dated November 14, 2003.

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1                      2.4 meters                      ANDREW CORPORATION                      ESA24VSMKU1

14000.0000 - 14500.0000 MHz                      36M0F3F                      77.00 dBW                      FM modulation of audio and video

14000.0000 - 14500.0000 MHz	24M0F3F	77.00 dBW	FM modulation of audio and video
14000.0000 - 14500.0000 MHz	40K0F3F	49.71 dBW	FM modulation of audio and video
14000.0000 - 14500.0000 MHz	15M0G7W	76.10 dBW	Digital MCPCQPSK carrier for audio and video
11700.0000 - 12200.0000 MHz	15M0G7W		
11700.0000 - 12200.0000 MHz	15M0G7W		

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-MOD-20031007-01375** E E990323 PanAmSat Licensee Corp.  
 Application for Modification 11/02/1999 - 11/02/2009  
 Grant of Authority Date Effective: 11/17/2003

**Class of Station:** Fixed Earth Stations

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

**SITE ID:** CASTLE ROCK  
**LOCATION:** 5281 EAST GARTON ROAD, DOUGLAS, CASTLE ROCK, CO  
 39 ° 16 ' 35.00 " N LAT. 104 ° 48 ' 23.90 " W LONG.

<b>ANTENNA ID:</b> CK-8	8.1 meters	VERTEX	8.1 KPK
17300.0000 - 17800.0000 MHz	36M0G7W	87.40 dBW	feeder link for DBS (Digital video & data)
17300.0000 - 17800.0000 MHz	750KF2D	88.00 dBW	COMMAND CARRIER
12200.0000 - 12700.0000 MHz	36M0G7W		DBS (Digital video & data)
12200.0000 - 12700.0000 MHz	750KF2D		COMMAND CARRIER

**Points of Communication:**

CASTLE ROCK - DIRECTSAT - 1R - (101.0 W.L.)  
 CASTLE ROCK - DIRECTV-1 - (109.8 W.L.)  
 CASTLE ROCK - DIRECTV-2 - (100.8 W.L.)

---

**SES-MOD-20031028-01543** P E020242 Hughes Network Systems, Inc.  
 Application for Modification 11/25/2002 - 11/25/2017  
 Grant of Authority Date Effective: 11/12/2003

**Class of Station:** Fixed Earth Stations

---

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

Modification filed to requests additional time to construct the earth station license to July 31, 2004.

SITE ID: LITTLETON  
LOCATION: 7235 W. TITAN ROAD, DOUGLAS, LITTLETON, CO  
39 ° 30 ' 52.00 " N LAT. 105 ° 1 ' 30.00 " W LONG.

ANTENNA ID:	ANT-8	8 meters	VERTEX	1514L-01-00
	29500.0000 - 30000.0000 MHz	1M30F9D	50.00 dBW	COMPOSITE MODULATED COMMAND/RANGING SIGNAL
	29500.0000 - 30000.0000 MHz	NON	53.10 dBW	UNMODULATED CW CARRIER
	19700.0000 - 20200.0000 MHz	106KG9D		COMPOSITE TELEMETRY/RANGING SIGNAL

**Points of Communication:**

LITTLETON - SPACEWAY1 - (99.0 W.L.)

LITTLETON - SPACEWAY2 - (101.0 W.L.)

---

**SES-MOD-20031028-01544** P E020241 Hughes Network Systems, Inc.  
Application for Modification 11/25/2002 - 11/25/2017  
Grant of Authority Date Effective: 11/12/2003

**Class of Station:** Fixed Earth Stations

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

Modification filed to requests additional time to construct the earth station license to July 31, 2004.

SITE ID: CANOGA PARK  
LOCATION: 8900 DESOTO AVENUE, LOS ANGELES, CANOGA PARK, CA  
34 ° 15 ' 10.30 " N LAT. 118 ° 35 ' 39.10 " W LONG.

ANTENNA ID:	ANT-13	13 meters	VERTEX	1514C-0100
	29500.0000 - 30000.0000 MHz	1M30F9D	50.00 dBW	COMPOSITE MODULATED COMMAND/RANGING SIGNAL
	19700.0000 - 20200.0000 MHz	106KG9D	0.00 dBW	COMPOSITE TELEMETRY/RANGING SIGNAL
ANTENNA ID:	ANT-8	8 meters	VERTEX	1514L-0100

---

29500.0000 - 30000.0000 MHz	1M30F9D	50.00 dBW	COMPOSITE MODULATED COMMAND/RANGING SIGNAL
19700.0000 - 20200.0000 MHz	106KG9D		COMPOSITE TELEMETRY/RANGING SIGNAL

**Points of Communication:**

CANOGA PARK - SPACEWAY1 - (99.0 W.L.)

CANOGA PARK - SPACEWAY2 - (101.0 W.L.)

---

**SES-REG-20030822-01257** P E030204 COX COMMUNICATIONS, INC.  
Registration 08/22/2003 - 08/22/2018  
Grant of Authority Date Effective: 11/12/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 11505 W. DODGE ROAD, DOUGLAS, OMAHA, NE  
41 ° 15 ' 42.00 " N LAT. 96 ° 5 ' 37.00 " W LONG.

ANTENNA ID: 1	7 meters	ANTENNA TECH CORP	SIMULSAT 7-METER
3700.0000 - 4200.0000 MHz	36M0F8W		ANALOG VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-RWL-20031007-01376** E E6584 CHARTER COMMUNICATIONS VI, LLC  
Renewal 12/30/2003 - 12/30/2018  
Grant of Authority Date Effective: 11/12/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: TUCKER, DAVIS, WV  
39 ° 7 ' 56.00 " N LAT. 79 ° 28 ' 16.00 " W LONG.

ANTENNA ID: 1	5 meters	MICRODYNE	SATRO-5M
3700.0000 - 4200.0000 MHz	36000F9		

**Points of Communication:**



---

1 - ALSAT - (ALSAT)

---

**SES-RWL-20031007-01377** E E6625 CHARTER COMMUNICATIONS VI, LLC  
Renewal 12/30/2003 - 12/30/2018  
Grant of Authority Date Effective: 11/12/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: WEBSTER, WEBSTER SPRINGS, WV  
38 ° 29 ' 20.00 " N LAT. 80 ° 24 ' 14.00 " W LONG.

ANTENNA ID: 1 5 meters MICRODYNE SATRO-5M  
3700.0000 - 4200.0000 MHz 36000F9

**Points of Communication:**

---

1 - ALSAT - (ALSAT)

---

**SES-RWL-20031031-01527** E KA372 AT&T CORP  
Renewal 01/14/2004 - 01/14/2019  
Grant of Authority Date Effective: 11/10/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 5865 SILLS ROAD, COLUSA, SALT CREEK (SCK 1A), CA  
38 ° 56 ' 21.00 " N LAT. 122 ° 8 ' 49.20 " W LONG.

ANTENNA ID: 1 18.3 meters VERTEX KPC-4

5850.0000 - 6425.0000 MHz	70K4G7W-	83.00 dBW	IDR
5850.0000 - 6425.0000 MHz	32M9G7W	83.00 dBW	
5850.0000 - 6425.0000 MHz	54K6G7W	66.00 dBW	IBS
5850.0000 - 6425.0000 MHz	81K9G7W	64.00 dBW	IBS
5850.0000 - 6425.0000 MHz	35M9G7W	79.80 dBW	
3625.0000 - 4200.0000 MHz	70K4G7W-		
3625.0000 - 4200.0000 MHz	32M9G7W		

3625.0000 - 4200.0000 MHz	54K6G7W
3625.0000 - 4200.0000 MHz	81K9G7W
3625.0000 - 4200.0000 MHz	35M9G7W

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT POR - (174.0 E.L.)
- 1 - INTELSAT POR - (176.0 E.L.)
- 1 - INTELSAT POR - (180.0 E.L.)
- 1 - New Skies 513 - (183 E.L.)
- 1 - PAS-9 - (58.0 W.L.)
- 1 - TDRS-5 - (174.3 W.L.)

---

<b>SES-RWL-20031104-01546</b> E KA358	Loral Skynet Network Services, Inc. (Debtor-in-Possession)
Renewal	12/06/2003 - 12/06/2018
Grant of Authority	Date Effective: 11/10/2003

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

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

SITE ID: 1  
 LOCATION: VARIOUS

ANTENNA ID: 1	1.8 meters	PRODELIN	1184
14000.0000 - 14500.0000 MHz	100KG7W	53.00 dBW	
11700.0000 - 12200.0000 MHz	100KG7W		ORIONAOR
11450.0000 - 11950.0000 MHz	100KG7W		INTAOR
10950.0000 - 11200.0000 MHz	100KG7W		INTAOR

**Points of Communication:**

- 1 - INTELSAT AOR -

---

1 - TELESTAR 11 - (37.5 W.L.)

---

**SES-RWL-20031104-01547** E KA359 Loral Skynet Network Services, Inc. (Debtor-in-Possession)  
Renewal 12/06/2003 - 12/06/2018  
Grant of Authority Date Effective: 11/10/2003

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

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

SITE ID: 1  
LOCATION: VARIOUS

ANTENNA ID: 1	1.8 meters	PRODELIN	1184
14000.0000 - 14500.0000 MHz	100KG7W	53.00 dBW	
11700.0000 - 12200.0000 MHz	100KG7W		ORIONAOR
11450.0000 - 11950.0000 MHz	100KG7W		INTAOR
10950.0000 - 11200.0000 MHz	100KG7W		INTAOR

**Points of Communication:**

1 - INTELSAT AOR -

1 - TELESTAR 11 - (37.5 W.L.)

---

**SES-RWL-20031105-01548** E KA399 Loral Skynet Network Services, Inc. (Debtor-in-Possession)  
Renewal 12/30/2003 - 12/30/2018  
Grant of Authority Date Effective: 11/10/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 1305 INDUSTRIAL PARK ROAD, SHENANDOAH, MOUNT JACKSON, VA  
38 ° 43 ' 42.00 " N LAT. 78 ° 39 ' 25.00 " W LONG.

ANTENNA ID: 15M	15 meters	VERTEX	15 KPK
14000.0000 - 14500.0000 MHz	17M5F3F	79.30 dBW	
14000.0000 - 14500.0000 MHz	36M0F3F	70.80 dBW	
14000.0000 - 14500.0000 MHz	49K0G1D	45.70 dBW	
14000.0000 - 14500.0000 MHz	49K0G1E	45.70 dBW	

14000.0000 - 14500.0000 MHz	49K0G1F	45.70 dBW	
14000.0000 - 14500.0000 MHz	1M80G1D	61.30 dBW	
14000.0000 - 14500.0000 MHz	1M80G1E	61.30 dBW	
14000.0000 - 14500.0000 MHz	1M80G1F	61.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1D	67.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1E	67.30 dBW	
14000.0000 - 14500.0000 MHz	7M03G1F	67.30 dBW	
14000.0000 - 14500.0000 MHz	100HNON	64.50 dBW	
14000.0000 - 14500.0000 MHz	2M70G1C	78.80 dBW	
14000.0000 - 14500.0000 MHz	2M70G1D	78.80 dBW	
14000.0000 - 14500.0000 MHz	2M70G1E	78.80 dBW	
14000.0000 - 14500.0000 MHz	54M0G1C	91.80 dBW	
14000.0000 - 14500.0000 MHz	54M0G1D	91.80 dBW	
14000.0000 - 14500.0000 MHz	54M0G1E	91.80 dBW	
14000.0000 - 14500.0000 MHz	41M1G1C	90.60 dBW	
14000.0000 - 14500.0000 MHz	41M1G1D	90.60 dBW	
14000.0000 - 14500.0000 MHz	41M1G1E	90.60 dBW	
14000.0000 - 14500.0000 MHz	41M1G1F	90.60 dBW	
13750.0000 - 14000.0000 MHz	54M0G7W	85.00 dBW	DIGITAL, VIDEO, DATA AND VOICE
11700.0000 - 12200.0000 MHz			
11451.0000 - 11451.0000 MHz	850KF2D		ORION
11450.5000 - 11450.5000 MHz	850KF2D		ORION
11450.0000 - 11950.0000 MHz			INTELSAT
10950.0000 - 11700.0000 MHz	54M0G7W		(WTO-COVERED SERVICES ONLY)

10950.0000 - 11200.0000 MHz		INTELSAT	
ANTENNA ID:	9.0M	9 meters	VERTEX
			9 KPK
14498.0000 - 14500.0000 MHz	850KF2D	69.70 dBW	
14000.0000 - 14500.0000 MHz	17M5F3F	79.30 dBW	
14000.0000 - 14500.0000 MHz	36M0F3F	70.80 dBW	
14000.0000 - 14500.0000 MHz	49K0G1D	45.70 dBW	
14000.0000 - 14500.0000 MHz	49K0G1E	45.70 dBW	
14000.0000 - 14500.0000 MHz	49K0G1F	45.70 dBW	
14000.0000 - 14500.0000 MHz	1M80G1D	61.30 dBW	
14000.0000 - 14500.0000 MHz	1M80G1E	61.30 dBW	
14000.0000 - 14500.0000 MHz	1M80G1F	61.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1D	67.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1E	67.30 dBW	
14000.0000 - 14500.0000 MHz	7M04G1F	67.30 dBW	
14000.0000 - 14500.0000 MHz	41M1G1D	86.50 dBW	
14000.0000 - 14500.0000 MHz	41M1G1E	86.50 dBW	
14000.0000 - 14500.0000 MHz	41M1G1F	86.50 dBW	
14000.0000 - 14500.0000 MHz	100HNON	85.50 dBW	
14000.0000 - 14500.0000 MHz	2M70G1C	74.70 dBW	
14000.0000 - 14500.0000 MHz	2M70G1D	74.70 dBW	
14000.0000 - 14500.0000 MHz	2M70G1E	74.70 dBW	
14000.0000 - 14500.0000 MHz	41M1G1C	86.50 dBW	
11700.0000 - 12200.0000 MHz			
11451.0000 - 11451.0000 MHz	850KF2D		ORION
11450.5000 - 11450.5000 MHz	850KF2D		ORION

---

11450.0000 - 11950.0000 MHz INTELSAT

10950.0000 - 11200.0000 MHz INTELSAT

ANTENNA ID: 1.8M 1.8 meters PRODELIN 1184

14000.0000 - 14500.0000 MHz 200KG7W 49.50 dBW

14000.0000 - 14500.0000 MHz 320KG7W 49.50 dBW

14000.0000 - 14500.0000 MHz 640KG7W 49.50 dBW

11700.0000 - 12200.0000 MHz 200KG7W

11700.0000 - 12200.0000 MHz 320KG7W

11700.0000 - 12200.0000 MHz 640KG7W

ANTENNA ID: 2.4M 2.4 meters PRODELIN 1246

14000.0000 - 14500.0000 MHz 1M28G7W 58.20 dBW

14000.0000 - 14500.0000 MHz 2M56G7W 58.20 dBW

14000.0000 - 14500.0000 MHz 800KG7W 58.20 dBW

11700.0000 - 12200.0000 MHz 2M56G7W

11700.0000 - 12200.0000 MHz 1M28G7W ORION, PAS

11700.0000 - 12200.0000 MHz 800KG7W

**Points of Communication:**

1 - ALSAT - (ALSAT)

1 - EUTELSAT AB-2 - (8.0 W.L.)

1 - ORION-3 - (139 E.L.)

---

SES-RWL-20031105-01549 E KA360 Loral Skynet Network Services, Inc. (Debtor-in-Possession)  
Renewal 12/06/2003 - 12/06/2018  
Grant of Authority Date Effective: 11/10/2003

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

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

SITE ID: 1  
LOCATION: VARIOUS

---

ANTENNA ID: 1	1.8 meters	PRODELIN	1184
14000.0000 - 14500.0000 MHz	400KG7W	53.00 dBW	
11700.0000 - 12200.0000 MHz	400KG7W		ORIONAOR
11450.0000 - 11950.0000 MHz	400KG7W		INTAOR
10950.0000 - 11200.0000 MHz	400KG7W		INTAOR

**Points of Communication:**

1 - INTELSAT AOR -

1 - TELESTAR 11 - (37.5 W.L.)

---

<b>SES-RWL-20031110-01603</b>	E	E930455	Indiana Higher Education Telecommunication System
Renewal			01/14/2004 - 01/14/2019
Grant of Authority			Date Effective: 11/13/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: RADIO-TV BUILDING, MONROE, BLOOMINGTON, IN  
39 ° 10 ' 10.00 " N LAT. 86 ° 31 ' 9.00 " W LONG.

ANTENNA ID: 1	2.4 meters	SATCOM	TECH 240K
14000.0000 - 14500.0000 MHz	25M0F8F	65.00 dBW	
14000.0000 - 14500.0000 MHz	3M96G7F	65.00 dBW	
11700.0000 - 12200.0000 MHz	25M0F8F		
11700.0000 - 12200.0000 MHz	3M96G7F		

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

<b>SES-RWL-20031110-01605</b>	E	E930379	Indiana Higher Education Telecommunication System
Renewal			01/14/2004 - 01/14/2019
Grant of Authority			Date Effective: 11/13/2003

**Class of Station:** Fixed Earth Stations

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

---

SITE ID: 1  
LOCATION: MCKINLEY AVENUE, SOUTH OF BETHEL AVENUE, DELAWARE, MUNCIE, IN  
40 ° 12 ' 31.00 " N LAT. 85 ° 24 ' 47.00 " W LONG.

ANTENNA ID: 1 2.4 meters SATCOM TECH. 240K

14000.0000 - 14500.0000 MHz 25M0F8F 65.00 dBW

14000.0000 - 14500.0000 MHz 3M96G7F 65.00 dBW

11700.0000 - 12200.0000 MHz 25M0F8F

11700.0000 - 12200.0000 MHz 3M96G7F

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-RWL-20031111-01607** E E940003 Ohio Educational Telecommunications Network  
Renewal 01/28/2004 - 01/28/2019  
Grant of Authority Date Effective: 11/13/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 2470 NORTH STAR ROAD, FRANKLIN, COLUMBUS, OH  
40 ° 0 ' 30.00 " N LAT. 83 ° 2 ' 49.00 " W LONG.

ANTENNA ID: 1 7 meters SCIENTIFIC-ATLANTA 8010

14000.0000 - 14500.0000 MHz 36M0F8W 78.00 dBW

11700.0000 - 12200.0000 MHz 36M0F8W

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-STA-20031023-01542** P E010082 Schlumberger Omnes, Inc.  
Special Temporary Authority  
Grant of Authority Date Effective: 11/10/2003

**Class of Station:**

STA filing under E010082 for third 180-day STA Extension: from 11/09/03 to 03/08/04.



---

**Points of Communication:**

---

**SES-T/C-20030924-01319** E E980235 Stratos Global Corporation

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 11/18/2003

**Current Licensee:** Stratos Offshore Services Company

**FROM:** Aliant Inc.

**TO:** Stratos Global Corporation

No. of Station(s) listed: 1

---

**SES-T/C-20030924-01320** E E950149 Stratos Global Corporation

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 11/18/2003

**Current Licensee:** STRATOS VSAT, INC. (FORMERLY NOVA-NET COMMUNICATIONS, INC.)

**FROM:** Aliant Inc.

**TO:** Stratos Global Corporation

No. of Station(s) listed: 2

---

**SES-T/C-20030924-01321** E E950135 Stratos Global Corporation

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 11/18/2003

**Current Licensee:** STRATOS VSAT, INC. (FORMERLY NOVA-NET COMMUNICATIONS, INC.)

**FROM:** Aliant Inc.

**TO:** Stratos Global Corporation

No. of Station(s) listed: 4

---

**SES-T/C-20030924-01322** E E010263 Stratos Global Corporation

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 11/18/2003

**Current Licensee:** Stratos Offshore Services Company

**FROM:** Aliant Inc.

**TO:** Stratos Global Corporation

No. of Station(s) listed: 1

---

**SES-T/C-20030924-01323** E E000180 Stratos Global Corporation

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 11/18/2003

**Current Licensee:** STRATOS COMMUNICATIONS, INC. (FORMERLY MARINESAT COMMUNICATIONS NETWORK)

**FROM:** Aliant Inc.

**TO:** Stratos Global Corporation

No. of Station(s) listed: 5

---

In a prior petition for declaratory ruling pursuant to section 310(b)(4) of the Communications Act, the Commission authorized the licensee that is the subject of this application to be owned up to and including an aggregate 100 percent indirect equity/voting ownership interest by Stratos Global Corporation (Stratos Global), Stratos Wireless, Inc. (Stratos Wireless), Aliant, Inc. (Aliant), Bell Canada, and/or BCE, as well as their Canadian shareholders. See International Authorizations Granted, Public Notice, Report No. TEL-00458 (rel. November 1, 2001). Pursuant to the proposed transaction, Aliant will relinquish its approximate 53 percent direct control of Stratos Global and the FCC authorizations held by Stratos Global's subsidiaries (collectively, the "Stratos Licensees") to multiple shareholders through a secondary public offering; thereby ultimately reducing Aliant's equity/voting interests in Stratos Global to zero. Stratos Global will thus hold an indirect 100 percent equity/voting interest in the Stratos Licensees. Stratos Global asserts that it will continue to be a public company that is widely held by primarily U.S. and Canadian shareholders, with all of its shares trading on the Toronto Stock Exchange. Stratos Global further represents that it does not anticipate any 10 percent or greater shareholders, but states that the Stratos Licensees will make any required filings under the Commission's regulations should 10 percent or greater shareholder interests result from the secondary public offering. Stratos Global also acknowledges that an additional waiver under section 310(b)(4) would be needed if investors from a foreign country other than Canada would cumulatively own greater than 25 percent of Stratos Global and/or Stratos Wireless as a result of the proposed transaction

---

**SES-T/C-20031029-01614** P E970170 D&E COMMUNICATIONS, INC.

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 11/18/2003

**Current Licensee:** CEI NETWORKS, INC

**FROM:** CEI NETWORKS, INC.

**TO:** D&E COMMUNICATIONS, INC.

No. of Station(s) listed: 1

---

**SES-T/C-20031110-01592** E E940535 ORBCOMM License Corp.

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 11/18/2003

**Current Licensee:** ORBCOMM LICENSE CORP.

**FROM:** ORBCOMM LICENSE CORP.

**TO:** ORBCOMM License Corp.

No. of Station(s) listed: 4

---

**SES-T/C-20031110-01593** E E900626 Indiana Broadcasting, LLC

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 11/13/2003

**Current Licensee:** INDIANA BROADCASTING, LLC

**FROM:** LIN HOLDINGS CORP.

**TO:** LIN TV Corp.

No. of Station(s) listed: 1

---

**SES-T/C-20031110-01595** E E8173 WOOD License Company, LLC

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 11/13/2003

**Current Licensee:** WOOD LICENSE COMPANY, LLC

**FROM:** LIN HOLDINGS CORP.

**TO:** LIN TV Corp.

No. of Station(s) listed: 2

---

---

**SES-T/C-20031110-01597** E E020054 KXAN, Inc.

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 11/13/2003

**Current Licensee:** KXAN, INC

**FROM:** LIN HOLDINGS CORP.

**TO:** LIN TV Corp.

No. of Station(s) listed: 2

---

**SES-T/C-20031110-01599** E E020171 WWLP Broadcasting, LLC

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 11/13/2003

**Current Licensee:** WWLP BROADCASTING, CORP.

**FROM:** LIN HOLDINGS CORP.

**TO:** LIN TV Corp.

No. of Station(s) listed: 1

---

**SES-T/C-20031110-01600** E E020247 WDTN Broadcasting, LLC

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 11/14/2003

**Current Licensee:** WDTN BROADCASTING, LLC

**FROM:** LIN HOLDINGS CORP.

**TO:** LIN TV Corp.

No. of Station(s) listed: 2

---

**SES-T/C-20031110-01601** E E6547 WEYI Broadcasting, LLC

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 11/14/2003

**Current Licensee:** WEYI BROADCASTING, LLC

**FROM:** LIN HOLDINGS CORP.

**TO:** LIN TV Corp.

No. of Station(s) listed: 2

---

**SES-T/C-20031114-01622** E E8848 INTERISLAND TELEPHONE CORP.

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 11/17/2003

**Current Licensee:** INTERISLAND TELEPHONE CORP.

**FROM:** PRIMUS TELECOMMUNICATIONS GROUP, INCORPORATED

**TO:** PRIMUS TELECOMMUNICATIONS GROUP, INC.

No. of Station(s) listed: 2

---

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