



# 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-01125**

**Wednesday April 1, 2009**

## 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-AFS-20090227-00224** E KA249 Vizada, Inc.

Amendment

**Class of Station:** Space Station Geostationary

**Nature of Service:** Earth Stations on-board Vessels, Fixed Satellite Service

Vizada, Inc. seeks authority to use NSS-9 at 177.0 degrees W.L. as a Point of Communication for the remote Earth Station on Vessels (ESV) antennas for which its referenced application requested authorization for operation to provide C-Band ESV service through the Santa Paula teleport. See File No. SES-MOD-20070523-00709.

**SITE ID:** SANTA PAULA

**LOCATION:** 7676 PINE GROVE ROAD, VENTURA, SANTA PAULA, CA

34 ° 24 ' 5.00 " N LAT.

119 ° 4 ' 29.40 " W LONG.

ANTENNA ID:	13M	13 meters	UNIVERSAL	1130	
6454.4000 - 6456.6000 MHz			2M20G1D	82.30 dBW	DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
6440.8000 - 6443.0000 MHz			2M20G1D	78.00 dBW	DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
5925.0000 - 6425.0000 MHz			36M0F8F	82.70 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz			18M0F8F-	82.70 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz			36M0G7F	88.00 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz			4M00G7F-	83.50 dBW	DIGITAL VIDEO

5925.0000 - 6425.0000 MHz	72M0G7W	88.00 dBW	DIGITAL VOICE AND DATA
5925.0000 - 6425.0000 MHz	21K9G7W-	60.90 dBW	DIGITAL VOICE AND DATA
5925.0000 - 6425.0000 MHz	48M6G7W	83.10 dBW	DIGITAL VOICE, VIDEO AND DATA
5925.0000 - 6425.0000 MHz	69K0G7W	66.10 dBW	DIGITAL VOICE, VIDEO AND DATA
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	18M0F8F-		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	4M00G7F-		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W		DIGITAL VOICE AND DATA
3700.0000 - 4200.0000 MHz	21K9G7W-		DIGITAL VOICE AND DATA
3700.0000 - 4200.0000 MHz	69K0G7W		DIGITAL VOICE, VIDEO AND DATA
3700.0000 - 4200.0000 MHz	6M21G7W		DIGITAL VOICE, VIDEO AND DATA
3629.4000 - 3631.6000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
1574.4000 - 1576.6000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
1545.8000 - 1548.0000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
ANTENNA ID: 1.8M	1.8 meters	PRODELIN CORP.	1183
1574.4000 - 1576.6000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
1545.8000 - 1548.0000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
SITE ID: C-band ESV			
LOCATION: Operate up to 300 2.4 meter ESV remotes U.S. waters and international waters			
ANTENNA ID: 9797	2.4 meters	SEATEL	99797
4037.0000 - 4198.0000 MHz	136KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	1M09G1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION

4037.0000 - 4198.0000 MHz	272KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	2M18G1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	408KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	544KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz	154KG1W	51.14 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz	179KG1W	51.81 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz	307KG1W	54.15 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz	358KG1W	54.82 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz	614KG1W	57.16 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz	115KG1W	49.89 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz	134KG1W	50.56 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	38K4G1W	45.12 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	44K8G1W	45.79 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	717KG1W	57.83 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	76K8G1W	48.13 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION

6262.0000 - 6423.0000 MHz	89K6G1W	48.80 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	115KG1W	49.89 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
ANTENNA ID: 9707	2.4 meters	SEATEL	9707
4037.0000 - 4198.0000 MHz	136KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	1M09G1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	272KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	2M18G1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	408KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	544KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	134KG1W	50.56 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	154KG1W	51.14 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	179KG1W	51.81 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	307KG1W	54.15 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	358KG1W	54.82 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	38K4G1W	45.12 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION

6262.0000 - 6423.0000 MHz	44K8G1W	45.79 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	614KG1W	57.16 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	717KG1W	57.83 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	76K8G1W	48.13 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	89K6G1W	48.80 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION

**Points of Communication:**

C-band ESV - NSS 9 - (177 W.L.)

SANTA PAULA - ALSAT - (ALSAT)

SANTA PAULA - INMARSAT Ltd.-2 POR - (179 DEGR)

SANTA PAULA - INMARSAT Ltd-3 - (178 E.L.)

SANTA PAULA - ISAT List -

**SES-AMD-20090317-00337** E KA249 Vizada, Inc.

Amendment

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Earth Stations on-board Vessels, Fixed Satellite Service

Vizada, Inc. submits attached FREQUENCY COORDINATION AND INTERFERENCE ANALYSIS REPORT in compliance with Section 25.221(e) of the Commission's rules for Earth Stations on Vessels (ESV). This report updates and supersedes the previous report for the U.S.A. WEST COAST which was filed with the Commission in 2007. There are two differences between the attached report and the previous report. NSS-9 is being substituted for NSS-5 for previously coordinated frequencies and additional new frequencies are being coordinated for NSS-9. This amendment is in accordance with the Commission's Public Notices DA 05-8722 and DA 05-1671. See File No. SES-MOD-20070523-00709.

**SITE ID:** SANTA PAULA

**LOCATION:** 7676 PINE GROVE ROAD, VENTURA, SANTA PAULA, CA

34 ° 24 ' 5.00 " N LAT.

119 ° 4 ' 29.40 " W LONG.

**ANTENNA ID:** 13M 13 meters UNIVERSAL 1130

6454.4000 - 6456.6000 MHz	2M20G1D	82.30 dBW	DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
---------------------------	---------	-----------	---

6440.8000 - 6443.0000 MHz	2M20G1D	78.00 dBW	DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
---------------------------	---------	-----------	---

5925.0000 - 6425.0000 MHz	36M0F8F	82.70 dBW	ANALOG VIDEO
---------------------------	---------	-----------	--------------

5925.0000 - 6425.0000 MHz	18M0F8F-	82.70 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	36M0G7F	88.00 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	4M00G7F-	83.50 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	72M0G7W	88.00 dBW	DIGITAL VOICE AND DATA
5925.0000 - 6425.0000 MHz	21K9G7W-	60.90 dBW	DIGITAL VOICE AND DATA
5925.0000 - 6425.0000 MHz	48M6G7W	83.10 dBW	DIGITAL VOICE, VIDEO AND DATA
5925.0000 - 6425.0000 MHz	69K0G7W	66.10 dBW	DIGITAL VOICE, VIDEO AND DATA
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	18M0F8F-		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	4M00G7F-		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W		DIGITAL VOICE AND DATA
3700.0000 - 4200.0000 MHz	21K9G7W-		DIGITAL VOICE AND DATA
3700.0000 - 4200.0000 MHz	69K0G7W		DIGITAL VOICE, VIDEO AND DATA
3700.0000 - 4200.0000 MHz	6M21G7W		DIGITAL VOICE, VIDEO AND DATA
3629.4000 - 3631.6000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
1574.4000 - 1576.6000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
1545.8000 - 1548.0000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM

ANTENNA ID: 1.8M 1.8 meters PRODELIN CORP. 1183

1574.4000 - 1576.6000 MHz 2M20G1D DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM

1545.8000 - 1548.0000 MHz 2M20G1D DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM

SITE ID: C-band ESV

LOCATION: Operate up to 300 2.4 meter ESV remotes U.S. waters and international waters

ANTENNA ID: 9797 2.4 meters SEATEL 99797

---

6262.0000 - 6423.0000 MHz	38K4G1W	45.12 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	44K8G1W	45.79 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	717KG1W	57.83 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	76K8G1W	48.13 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	89K6G1W	48.80 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	115KG1W	49.89 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz	154KG1W	51.14 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz	179KG1W	51.81 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz	307KG1W	54.15 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz	358KG1W	54.82 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz	614KG1W	57.16 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz	115KG1W	49.89 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz	134KG1W	50.56 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	136KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	1M09G1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION

4037.0000 - 4198.0000 MHz	272KG1W			SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	2M18G1W			SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	408KG1W			SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	544KG1W			SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
ANTENNA ID: 9707	2.4 meters	SEATEL		9707
6262.0000 - 6423.0000 MHz	134KG1W	50.56 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	154KG1W	51.14 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	179KG1W	51.81 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	307KG1W	54.15 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	358KG1W	54.82 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	38K4G1W	45.12 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	44K8G1W	45.79 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	614KG1W	57.16 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	717KG1W	57.83 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	76K8G1W	48.13 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION



6262.0000 - 6423.0000 MHz	89K6G1W	48.80 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	136KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	1M09G1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	272KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	2M18G1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	408KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	544KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION

**Points of Communication:**

C-band ESV - NSS 9 - (177 W.L.)

SANTA PAULA - ALSAT - (ALSAT)

SANTA PAULA - INMARSAT Ltd.-2 POR - (179 DEGR)

SANTA PAULA - INMARSAT Ltd-3 - (178 E.L.)

SANTA PAULA - ISAT List -

---

**SES-AMD-20090318-00352** E KA249 Vizada, Inc.  
Amendment

**Class of Station:** Fixed Earth Stations

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

Vizada, Inc. submits attached Frequency Coordination report in compliance with Section 25.221(e) of the Commission rules. This updates and supersedes the Alaska report filed in 2007. There are three differences between the attached and previous reports. NSS-9 is substituted for NSS-5 for previously coordinated frequencies; some previously coordinated frequencies are dropped; and additional new frequencies are being coordinated. This amendment is in accordance with the Commission's Public Notices DA 05-8722 and DA 05-1671. See File No. SES-MOD-20070523-00709.

**SITE ID:** SANTA PAULA

**LOCATION:** 7676 PINE GROVE ROAD, VENTURA, SANTA PAULA, CA

34 ° 24 ' 5.00 " N LAT.

119 ° 4 ' 29.40 " W LONG.

**ANTENNA ID:** 13M

13 meters

UNIVERSAL

1130

6454.4000 - 6456.6000 MHz	2M20G1D	82.30 dBW	DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
6440.8000 - 6443.0000 MHz	2M20G1D	78.00 dBW	DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
5925.0000 - 6425.0000 MHz	36M0F8F	82.70 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	18M0F8F-	82.70 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	36M0G7F	88.00 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	4M00G7F-	83.50 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	72M0G7W	88.00 dBW	DIGITAL VOICE AND DATA
5925.0000 - 6425.0000 MHz	21K9G7W-	60.90 dBW	DIGITAL VOICE AND DATA
5925.0000 - 6425.0000 MHz	48M6G7W	83.10 dBW	DIGITAL VOICE, VIDEO AND DATA
5925.0000 - 6425.0000 MHz	69K0G7W	66.10 dBW	DIGITAL VOICE, VIDEO AND DATA
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	18M0F8F-		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	4M00G7F-		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W		DIGITAL VOICE AND DATA
3700.0000 - 4200.0000 MHz	21K9G7W-		DIGITAL VOICE AND DATA
3700.0000 - 4200.0000 MHz	69K0G7W		DIGITAL VOICE, VIDEO AND DATA
3700.0000 - 4200.0000 MHz	6M21G7W		DIGITAL VOICE, VIDEO AND DATA
3629.4000 - 3631.6000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
1574.4000 - 1576.6000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
1545.8000 - 1548.0000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
ANTENNA ID: 1.8M	1.8 meters	PRODELIN CORP.	1183
1574.4000 - 1576.6000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
1545.8000 - 1548.0000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM

---

SITE ID: C-band ESV  
LOCATION: Operate up to 300 2.4 meter ESV remotes U.S. waters and international waters

ANTENNA ID:	9797	2.4 meters	SEATEL	99797
6262.0000 - 6423.0000 MHz		38K4G1W	45.12 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz		44K8G1W	45.79 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz		717KG1W	57.83 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz		76K8G1W	48.13 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz		89K6G1W	48.80 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz		115KG1W	49.89 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz		154KG1W	51.14 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz		179KG1W	51.81 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz		307KG1W	54.15 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz		358KG1W	54.82 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz		614KG1W	57.16 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz		115KG1W	49.89 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6243.0000 MHz		134KG1W	50.56 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz		136KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION

4037.0000 - 4198.0000 MHz	1M09G1W			SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	272KG1W			SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	2M18G1W			SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	408KG1W			SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	544KG1W			SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
ANTENNA ID: 9707	2.4 meters	SEATEL		9707
6262.0000 - 6423.0000 MHz	134KG1W	50.56 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	154KG1W	51.14 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	179KG1W	51.81 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	307KG1W	54.15 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	358KG1W	54.82 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	38K4G1W	45.12 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	44K8G1W	45.79 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	614KG1W	57.16 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	717KG1W	57.83 dBW		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION

6262.0000 - 6423.0000 MHz	76K8G1W	48.13 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
6262.0000 - 6423.0000 MHz	89K6G1W	48.80 dBW	SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	136KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	1M09G1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	272KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	2M18G1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	408KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION
4037.0000 - 4198.0000 MHz	544KG1W		SCPC CARRIER USING 16-QAM, 8-QAM, 8-PSK, QPSK OR BPSK MODULATION

**Points of Communication:**

C-band ESV - NSS 9 - (177 W.L.)

SANTA PAULA - ALSAT - (ALSAT)

SANTA PAULA - INMARSAT Ltd.-2 POR - (179 DEGR)

SANTA PAULA - INMARSAT Ltd-3 - (178 E.L.)

SANTA PAULA - ISAT List -

---

**SES-LIC-20090324-00369** E E090046 NEW CINGULAR WIRELESS PCS, LLC

Application for Authority

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

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

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: DR100 1.8 meters AVL 1878K

11700.0000 - 12200.0000 MHz 1M03G7W 0.00 dBW QPSK Digital Services

14000.0000 - 14500.0000 MHz 1M03G7W 43.50 dBW QPSK Digital Services

---

14000.0000 - 14500.0000 MHz	24M0G7D	52.60 dBW	DVB QPSK/BPSK Digital
-----------------------------	---------	-----------	-----------------------

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-LIC-20090325-00371** E E090048 NEW CINGULAR WIRELESS PCS, LLC

Application for Authority

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

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION:

ANTENNA ID: 1	1.8 meters	AVL	1878K
---------------	------------	-----	-------

11700.0000 - 12200.0000 MHz	1M03G7W		QPSK Digital
-----------------------------	---------	--	--------------

14000.0000 - 14500.0000 MHz	1M03G7W	43.50 dBW	QPSK Digital
-----------------------------	---------	-----------	--------------

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-LIC-20090325-00372** E E090049 NEW CINGULAR WIRELESS PCS, LLC

Application for Authority

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

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: TRANSPORTABLE

ANTENNA ID: DR300	1.8 meters	AVL	1878K
-------------------	------------	-----	-------

11700.0000 - 12200.0000 MHz	1M03G7W	0.00 dBW	QPSK DIGITAL
-----------------------------	---------	----------	--------------

14000.0000 - 14500.0000 MHz	1M03G7W	43.50 dBW	QPSK DIGITAL
-----------------------------	---------	-----------	--------------

14000.0000 - 14500.0000 MHz	24M0G7W	52.60 dBW	DVB QPSK/BPSK DIGITAL
-----------------------------	---------	-----------	-----------------------

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-LIC-20090325-00373** E E090050 Meredith Corporation - WGCL

Application for Authority

**Class of Station:** Fixed Earth Stations

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

---

SITE ID: 1  
LOCATION: 425 14th Street, NW (WGCL), Fulton, Atlanta, GA  
33 ° 47 ' 12.60 " N LAT. 84 ° 24 ' 1.60 " W LONG.

ANTENNA ID: 1 1.5 meters Advent NewsSwift 1.5M SNG  
14000.0000 - 14500.0000 MHz 36M0G7W 67.50 dBW One digital carrier for video/voice/data  
11700.0000 - 12200.0000 MHz 36M0G7W 0.00 dBW

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-LIC-20090325-00374** E E090051 PetroCom License Corporation  
Application for Authority  
**Class of Station:** Fixed Earth Stations  
**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: South Pass 86, South Pass 86, LA  
28 ° 43 ' 6.00 " N LAT. 89 ° 23 ' 35.10 " W LONG.

ANTENNA ID: 1 2.4 meters Prodelin 1251  
3700.0000 - 4200.0000 MHz 1M53G7W 0.00 dBW Digital  
3700.0000 - 4200.0000 MHz 384KG7W 0.00 dBW Digital  
5925.0000 - 6425.0000 MHz 1M53G7W 46.95 dBW Digital  
5925.0000 - 6425.0000 MHz 384KG7W 40.95 dBW Digital

**Points of Communication:**

1 - ALSAT - (ALSAT)

1 - AMC-3 - (87 W.L.)

---

**SES-LIC-20090325-00375** E E090052 PetroCom License Corporation  
Application for Authority  
**Class of Station:** Fixed Earth Stations  
**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: Grand Isle 43, Grand Isle 43, LA  
29 ° 0 ' 4.48 " N LAT. 89 ° 51 ' 33.24 " W LONG.

ANTENNA ID: 1 2.4 meters Prodelin 1251  
3700.0000 - 4200.0000 MHz 2M05G7W 0.00 dBW Digital

3700.0000 - 4200.0000 MHz	512KG7W	0.00 dBW	Digital
5925.0000 - 6425.0000 MHz	2M05G7W	48.08 dBW	Digital
5925.0000 - 6425.0000 MHz	512KG7W	42.08 dBW	Digital

**Points of Communication:**

1 - ALSAT - (ALSAT)

1 - AMC-3 - (87 W.L.)

**SES-LIC-20090325-00376** E E090053 NEW CINGULAR WIRELESS PCS, LLC

Application for Authority

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

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: DR400	1.8 meters	AVL	1878K
11700.0000 - 12200.0000 MHz	1M03G7W	0.00 dBW	QPSK Digital
14000.0000 - 14500.0000 MHz	1M03G7W	43.50 dBW	QPSK Digital
14000.0000 - 14500.0000 MHz	24M0G7W	52.60 dBW	DVB QPSK/BPSK Digital

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-LIC-20090330-00381** E E090054 GATR Technologies

Application for Authority

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

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

SITE ID: 1

LOCATION:

ANTENNA ID: 1	2.4 meters	GATR Technologies	GATR-Com 2.4m-C
3700.0000 - 4200.0000 MHz	30M0G7D		Data services
5925.0000 - 6425.0000 MHz	128KG7D	46.60 dBW	digital data
5925.0000 - 6425.0000 MHz	30M0G7D	62.50 dBW	broadband data services

**Points of Communication:**

1 - ALSAT - (ALSAT)



SES-MFS-20090317-00319 E E050033 WB Holdings 1 LLC

Modification

Class of Station: Other

Nature of Service: Fixed Satellite Service

WB Holdings 1, LLC (together with its parent, WildBlue Communications, Inc., referred to as (WildBlue) hereby requests modification of the blanket earth station authorization covering the consumer terminals it uses to provide Ka-band satellite broadband service (Call Sign E050033) to add the AMC-15 and AMC-16 satellites as additional points of communication.

SITE ID: WB1000-C

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

0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	WB1000-C2	0.38 meters	Raven Manufacturing	WB1000-002
	29500.0000 - 30000.0000 MHz	200KG7W	46.30 dBW	160 KSPS QPSK , Digital Carrier (used under rain fade conditions only)
	29500.0000 - 30000.0000 MHz	400KG7W	46.30 dBW	320 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
	29500.0000 - 30000.0000 MHz	800KG7W	46.30 dBW	640 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
	29500.0000 - 30000.0000 MHz	1M60G7W	41.00 dBW	1280 KSPS QPSK, Digital Carrier (normal clear sky conditions)
	19700.0000 - 20200.0000 MHz	18M0G7W	0.00 dBW	15 MSPS 8PSK Digital Carrier
	19700.0000 - 20200.0000 MHz	27M0G7W	0.00 dBW	22.5 MSPS 8PSK, Digital Carrier
	29500.0000 - 30000.0000 MHz	1M60G7W	46.30 dBW	1280 KSPS QPSK, Digital Carrier
	29500.0000 - 30000.0000 MHz	3M20G7W	46.30 dBW	2560 KSPS QPSK, Digital Carrier
	29500.0000 - 30000.0000 MHz	200KG7W	46.30 dBW	160 KSPS QPSK , Digital Carrier (used under rain fade conditions only)
	29500.0000 - 30000.0000 MHz	400KG7W	46.30 dBW	320 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
	29500.0000 - 30000.0000 MHz	800KG7W	46.30 dBW	640 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
ANTENNA ID:	WB1000-C3	0.7 meters	Raven Manufacturing	WB1000-003
	29500.0000 - 30000.0000 MHz	200KG7W	47.00 dBW	160 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
	29500.0000 - 30000.0000 MHz	800KG7W	47.00 dBW	640 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
	29500.0000 - 30000.0000 MHz	1M60G7W	41.00 dBW	1280 KSPS QPSK, Digital Carrier (normal clear sky conditions)

29500.0000 - 30000.0000 MHz	400KG7W	47.00 dBW	320 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
19700.0000 - 20200.0000 MHz	27M0G7W	0.00 dBW	22.5 MSPS 8PSK, Digital Carrier
19700.0000 - 20200.0000 MHz	18M0G7W	0.00 dBW	15 MSPS QPSK, Digital Carrier
29500.0000 - 30000.0000 MHz	1M60G7W	47.00 dBW	1280 KSPS QPSK, Digital Carrier
29500.0000 - 30000.0000 MHz	3M20G7W	47.00 dBW	2560 KSPS QPSK, Digital Carrier
29500.0000 - 30000.0000 MHz	200KG7W	47.00 dBW	160 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
29500.0000 - 30000.0000 MHz	400KG7W	47.00 dBW	320 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
29500.0000 - 30000.0000 MHz	800KG7W	47.00 dBW	640 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
ANTENNA ID: WB1000TF2	0.38 meters	Raven Manufacturing	WB1000TF2
29500.0000 - 30000.0000 MHz	1M60G7W	41.00 dBW	1280 KSPS QPSK, Digital Carrier (normal clear sky conditions)
29500.0000 - 30000.0000 MHz	200KG7W	46.30 dBW	160 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
29500.0000 - 30000.0000 MHz	400KG7W	46.30 dBW	320 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
29500.0000 - 30000.0000 MHz	800KG7W	46.30 dBW	640 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
19700.0000 - 20200.0000 MHz	18M0G7W		15 MSPS 8PSK Digital Carrier
19700.0000 - 20200.0000 MHz	27M0G7W		22.5 MSPS 8PSK, Digital Carrier
29500.0000 - 30000.0000 MHz	1M60G7W	46.30 dBW	1280 KSPS QPSK Digital Carrier
29500.0000 - 30000.0000 MHz	3M20G7W	46.30 dBW	2560 KSPS QPSK, Digital Carrier
29500.0000 - 30000.0000 MHz	200KG7W	46.30 dBW	160 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
29500.0000 - 30000.0000 MHz	400KG7W	46.30 dBW	320 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
29500.0000 - 30000.0000 MHz	800KG7W	46.30 dBW	640 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
ANTENNA ID: WB1000TF3	0.7 meters	Raven Manufacturing	WB1000TF3
29500.0000 - 30000.0000 MHz	1M60G7W	41.00 dBW	1280 KSPS QPSK, Digital Carrier (normal clear sky conditions)

29500.0000 - 30000.0000 MHz	200KG7W	47.00 dBW	160 KSPS QPSK , Digital Carrier (used under rain fade conditions only)
29500.0000 - 30000.0000 MHz	400KG7W	47.00 dBW	320 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
29500.0000 - 30000.0000 MHz	800KG7W	47.00 dBW	640 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
19700.0000 - 20200.0000 MHz	18M0G7W		15 MSPS 8PSK Digital Carrier
19700.0000 - 20200.0000 MHz	27M0G7W		22.5 MSPS 8PSK, Digital Carrier
29500.0000 - 30000.0000 MHz	1M60G7W	47.00 dBW	1280 KSPS QPSK Digital Carrier
29500.0000 - 30000.0000 MHz	3M20G7W	47.00 dBW	2560 KSPS QPSK, Digital Carrier
29500.0000 - 30000.0000 MHz	200KG7W	47.00 dBW	160 KSPS QPSK , Digital Carrier (used under rain fade conditions only)
29500.0000 - 30000.0000 MHz	400KG7W	47.00 dBW	320 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
29500.0000 - 30000.0000 MHz	800KG7W	47.00 dBW	640 KSPS QPSK, Digital Carrier (used under rain fade conditions only)

SITE ID: WB1000-TF2  
LOCATION: (1,000 0.7m antennas), CONUS

SITE ID: WB1000-C4  
LOCATION: (100,000 .98 cm antennas), CONUS

ANTENNA ID: WB1000-C4	0.98 meters	Raven Manufacturing	WB1098-003
19700.0000 - 20200.0000 MHz	18M0G7W		15 MSPS 8PSK Carrier
19700.0000 - 20200.0000 MHz	27M0G7W		22.5 MSPS 8PSK Carrier
29500.0000 - 30000.0000 MHz	1M60G7W	50.00 dBW	1280 KSPS QPSK Digital Carrier
29500.0000 - 30000.0000 MHz	3M20G7W	50.00 dBW	2560 KSPS QPSK Digital Carrier
29500.0000 - 30000.0000 MHz	200KG7W	50.00 dBW	160 KSPS QPSK , Digital Carrier (used under rain fade conditions only)
29500.0000 - 30000.0000 MHz	400KG7W	50.00 dBW	320 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
29500.0000 - 30000.0000 MHz	800KG7W	50.00 dBW	640 KSPS QPSK, Digital Carrier (used under rain fade conditions only)

SITE ID: WB1000-TF4  
LOCATION: (10,000 .98 cm antennas), CONUS

---

ANTENNA ID:	WB1000TF4	0.98 meters	Raven Manufacturing	WB1098-003	
	19700.0000 - 20200.0000 MHz		18M0G7W	15 MSPS 8 PSK Carrier	
	19700.0000 - 20200.0000 MHz		27M0G7W	22.5 MSPS 8 PSK Carrier	
	29500.0000 - 30000.0000 MHz		1M60G7W	50.00 dBW	1280 KSPS QPSK Digital Carrier
	29500.0000 - 30000.0000 MHz		3M20G7W	50.00 dBW	2560 KSPS QPSK Digital Carrier
	29500.0000 - 30000.0000 MHz		200KG7W	50.00 dBW	160 KSPS QPSK , Digital Carrier (used under rain fade conditions only)
	29500.0000 - 30000.0000 MHz		400KG7W	50.00 dBW	320 KSPS QPSK, Digital Carrier (used under rain fade conditions only)
	29500.0000 - 30000.0000 MHz		800KG7W	50.00 dBW	640 KSPS QPSK, Digital Carrier (used under rain fade conditions only)

SITE ID: WB1000-TF3  
LOCATION: (10,000 .7cm antennas), CONUS

SITE ID: WB1000-C2  
LOCATION: (200,000 .38 cm antennas) CONUS

SITE ID: WB1000-C3  
LOCATION: (1,000,000 .7 cm antennas), CONUS

**Points of Communication:**

- WB1000-C - AMC-15 - (105 W.L.)
- WB1000-C - AMC-16 - (85 W.L.)
- WB1000-C - ANIK F2 - (111.1 W.L.)
- WB1000-C - WILDBLUE 1 - (111.1 W.L.)
- WB1000-C2 - AMC-15 - (105 W.L.)
- WB1000-C2 - AMC-16 - (85 W.L.)
- WB1000-C2 - ANIK F2 - (111.1 W.L.)
- WB1000-C2 - WILDBLUE 1 - (111.1 W.L.)
- WB1000-C3 - AMC-15 - (105 W.L.)
- WB1000-C3 - AMC-16 - (85 W.L.)
- WB1000-C3 - ANIK F2 - (111.1 W.L.)
- WB1000-C3 - WILDBLUE 1 - (111.1 W.L.)
- WB1000-C4 - AMC-15 - (105 W.L.)

WB1000-C4 - AMC-16 - (85 W.L.)

WB1000-C4 - ANIK F2 - (111.1 W.L.)

WB1000-C4 - WILDBLUE 1 - (111.1 W.L.)

WB1000-TF2 - AMC-15 - (105 W.L.)

WB1000-TF2 - AMC-16 - (85 W.L.)

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

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

WB1000-TF3 - AMC-15 - (105 W.L.)

WB1000-TF3 - AMC-16 - (85 W.L.)

WB1000-TF3 - ANIK F2 - (111.1 W.L.)

WB1000-TF3 - WILDBLUE 1 - (111.1 W.L.)

WB1000-TF4 - AMC-15 - (105 W.L.)

WB1000-TF4 - AMC-16 - (85 W.L.)

WB1000-TF4 - ANIK F2 - (111.1 W.L.)

WB1000-TF4 - WILDBLUE 1 - (111.1 W.L.)

**SES-MOD-20090220-00293**    E E060445    HNS License Sub, LLC

Application for Modification

**Class of Station:**        Other

**Nature of Service:**     Fixed Satellite Service

HNS License Sub, LLC filed a modification application to its Ka-band VSATearth station license to add the lower Ka-band FSS frequencies at 28.35-28.6 GHz and 29.25-29.5 GHz (Earth-to-space) and 18.3-18.8 GHz (space-to-Earth) to the authorized TR 74 CM and TFTR 74 CM antennas.

**SITE ID:**                TFTR 74CM

**LOCATION:**              25,000 (74cm) CONUS, AK, HI, PR, VI

0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	74CM(TA)	0.74 meters	Prodelin	HNS1031929
	29500.0000 - 30000.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	500MG7W		500 MHz WIDE, PSK, DIGITAL CARRIER
	18300.0000 - 18800.0000 MHz	500MG7W		500 MHz WIDE, PSK, DIGITAL CARRIER
	28350.0000 - 28600.0000 MHz	650KG7W	47.00 dBW	512 KSPS, PSK, DIGITAL CARRIER
	29250.0000 - 29250.000 MHz	650KG7W	47.00 dBW	512 KSPS, PSK, DIGITAL CARRIER

18300.0000 - 18800.0000 MHz	500MG7W		500 MHz WIDE, PSK, DIGITAL CARRIER
28350.0000 - 28600.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
ANTENNA ID: 74CM(TB)	0.74 meters	Raven	AN8-074R
29500.0000 - 30000.0000 MHz	650KG7W	47.00 dBW	512 KSPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER
18300.0000 - 18800.0000 MHz	500MG7W		500 MHz WIDE, PSK, DIGITAL CARRIER
28350.0000 - 28600.0000 MHz	650KG7W	45.80 dBW	512 KBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	45.80 dBW	512 KBPS, PSK, DIGITAL CARRIER
18300.0000 - 18800.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER
28350.0000 - 28600.0000 MHz	650KG7W	45.80 dBW	512 KSPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	45.80 dBW	512 KSPS, PSK, DIGITAL CARRIER

ANTENNA ID: 74CM(TC)	0.74 meters	Prodelin	AN8-074P
29500.0000 - 30000.0000 MHz	650KG7W	47.00 dBW	512 KSPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER
18300.0000 - 18800.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
28350.0000 - 28600.0000 MHz	650KG7W	47.00 dBW	512 KSPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	47.00 dBW	512 KSPS, PSK, DIGITAL CARRIER
18300.0000 - 1800.0000 MHz	500MG7W		500 MHz WIDE, PSK, DIGITAL CARRIER
28350.0000 - 28600.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER

SITE ID: TFTR 98CM  
LOCATION: 10,000 (98cm) CONUS, AK, HI, PR, VI  
0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: TFTR 98(2)	0.98 meters	Raven Mfg.Ltd.	AN-098KA
29500.0000 - 30000.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER

29500.0000 - 30000.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
ANTENNA ID: TFTR 98CM	0.98 meters	Prodelin	3980-131
29500.0000 - 30000.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER

SITE ID: TR 98CM  
LOCATION: 250,000 (98cm) CONUS, AK, HI, PR, VI  
0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: TR 98CM(1)	0.98 meters	Prodelin	3980-131
29500.0000 - 30000.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER

ANTENNA ID: TR 98CM-2	0.98 meters	Raven Mfg. Ltd.	AN-098KA
29500.0000 - 30000.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER

SITE ID: TR 74CM  
LOCATION: 500,000 (74cm) CONUS, AK, HI, PR, VI  
0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: 74CM(FA)	0.74 meters	Prodelin	AN8-074P
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER
18300.0000 - 18800.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
28350.0000 - 28600.0000 MHz	650KG7W	45.80 dBW	512 KSPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	45.80 dBW	512 KSPS, PSK, DIGITAL CARRIER

ANTENNA ID: 74CM(FB)	0.74 meters	Prodelin	HNS1031929
----------------------	-------------	----------	------------

ANTENNA ID:	74CM(FC)	0.74 meters	Raven	AN8-074R
SITE ID:	TR 1.8M			
LOCATION:	50,000 (1.8m) CONUS, AK, HI, PR, VI 0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.			
ANTENNA ID:	TR 1.8	1.8 meters	Prodelin	3180-131
	29500.0000 - 30000.0000 MHz	20M9G7W	69.80 dBW	16.348 MBPS, PSK, DIGITAL CARRIER
	29500.0000 - 30000.0000 MHz	2M61G7W	60.70 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
	29500.0000 - 30000.0000 MHz	650KG7W	54.70 dBW	512 KBPS, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	500MG7W		500 MHz WIDE, PSK, DIGITAL CARRIER
SITE ID:	TR 1.2M			
LOCATION:	100,000 (1.2m) CONUS, AK, HI, PR, VI 0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.			
ANTENNA ID:	TR 1.2	1.2 meters	Prodelin	3120-131
	29500.0000 - 30000.0000 MHz	2M61G7W	57.20 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
	29500.0000 - 30000.0000 MHz	650KG7W	51.20 dBW	512 KBPS, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	500MG7W		500 MHz WIDE, PSK, DIGITAL CARRIER
SITE ID:	TR 3.5M			
LOCATION:	50,000 (3.5m) CONUS, AK, HI, PR, VI 0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.			
ANTENNA ID:	TR 3.5M	3.5 meters	Andrew	ES35SRT-1
	29500.0000 - 30000.0000 MHz	20M9G7W	75.40 dBW	16.348 MBPS, PSK, DIGITAL CARRIER
	29500.0000 - 30000.0000 MHz	2M61G7W	66.30 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
	29500.0000 - 30000.0000 MHz	650KG7W	60.30 dBW	512 KBPS, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	500MG7W		500 MHz WIDE, PSK, DIGITAL CARRIER

**Points of Communication:**

- TFTR 74CM - DIRECTV 10 - (102.8 W.L.)
- TFTR 74CM - DIRECTV 11 - (99.2 W.L.)
- TFTR 74CM - SPACEWAY 1 - (103 W.L.)



TFTR 74CM - SPACEWAY 2 - (99 W.L.)

TFTR 74CM - SPACEWAY 3 - (94.95 W.L.)

TFTR 98CM - SPACEWAY 1 - (103 W.L.)

TFTR 98CM - SPACEWAY 2 - (99 W.L.)

TFTR 98CM - SPACEWAY 3 - (94.95 W.L.)

TR 1.2M - SPACEWAY 1 - (103 W.L.)

TR 1.2M - SPACEWAY 2 - (99 W.L.)

TR 1.2M - SPACEWAY 3 - (94.95 W.L.)

TR 1.8M - SPACEWAY 1 - (103 W.L.)

TR 1.8M - SPACEWAY 2 - (99 W.L.)

TR 1.8M - SPACEWAY 3 - (94.95 W.L.)

TR 3.5M - SPACEWAY 1 - (103 W.L.)

TR 3.5M - SPACEWAY 2 - (99 W.L.)

TR 3.5M - SPACEWAY 3 - (94.95 W.L.)

TR 74CM - DIRECTV 10 - (102.8 W.L.)

TR 74CM - DIRECTV 11 - (99.2 W.L.)

TR 74CM - SPACEWAY 1 - (103 W.L.)

TR 74CM - SPACEWAY 2 - (99 W.L.)

TR 74CM - SPACEWAY 3 - (94.95 W.L.)

TR 98CM - SPACEWAY 1 - (103 W.L.)

TR 98CM - SPACEWAY 2 - (99 W.L.)

**SES-MOD-20090324-00367** E E060435 NEW CINGULAR WIRELESS PCS, LLC

Application for Modification

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

**Nature of Service:** Fixed Satellite Service

"MOD" this application for modification is submitted merely to clarify that the intended temporary uses of this license are not limited to disaster recovery. Because the terms and conditions of the existing license would not be changed or modified in any way.

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID:	COW #1	1.8 meters	AVL	1888K
	14000.0000 - 14500.0000 MHz	24M0G7W	62.30 dBW	DVB QPSK/BPSK Digital

14000.0000 - 14500.0000 MHz	1M03G7W	43.50 dBW	QPSK Digital Services
11700.0000 - 12200.0000 MHz	1M03G7W	0.00 dBW	QPSK Digital Services

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-MOD-20090324-00368** E E060408 NEW CINGULAR WIRELESS PCS, LLC

Application for Modification

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

**Nature of Service:** Fixed Satellite Service

"MOD" this application for modification is submitted merely to clarify that the intended temporary uses of this license are not limited to disaster recovery. Because the terms and conditions of the existing license would not be changed or modified in any way.

SITE ID: 1  
 LOCATION: VARIOUS

ANTENNA ID: TRANSP	1.8 meters	AVL	1888K
14000.0000 - 14500.0000 MHz	24M0G7D	62.20 dBW	DVB QPSK/BPSK DIGITAL
14000.0000 - 14500.0000 MHz	1M03G7W	43.50 dBW	QPSK DIGITAL SERVICES
11700.0000 - 12200.0000 MHz	1M03G7W		QPSK DIGITAL SERVICES

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-MOD-20090327-00379** E E070227 GLOBECOMM SYSTEMS, INC.

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

"MOD" to modify license E070227 by adding a new Ku-band 4.8 meter Antenna , increase EIRP and EIRP density, and add Points of Communications to their earth station at their Hauppauge, New York facility.

SITE ID: 1  
 LOCATION: 45 OSER AVENUE, SUFFOLK, HAUPPAUGE, NY  
 40 ° 48 ' 54.20 " N LAT. 73 ° 14 ' 12.20 " W LONG.

ANTENNA ID: AOT-20	3.8 meters	PRODELIN CORP.	1388
14000.0000 - 14500.0000 MHz	3M40G7W	67.70 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	461KG7W	59.00 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	44K0G7W	48.80 dBW	DIGITAL VIDEO, AUDIO, AND DATA

11700.0000 - 12200.0000 MHz	3M40G7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	461KG7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	44K0G7W		DIGITAL VIDEO, AUDIO, AND DATA
ANTENNA ID: AOT-26	4.5 meters	ASC SIGNAL CORP.	ES45MPJ
14000.0000 - 14500.0000 MHz	461KG7W	60.20 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	44K0G7W	50.00 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	3M40G7W	68.90 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	30M5G7W	78.40 dBW	DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	461KG7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	44K0G7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	3M40G7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	30M5G7W		DIGITAL VIDEO, AUDIO, AND DATA
ANTENNA ID: AOT-25	4.8 meters	VERTEX/RSI	4.8M
14000.0000 - 14500.0000 MHz	461KG7W	61.50 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	44K0G7W	51.30 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	3M40G7W	70.20 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	30M5G7W	79.70 dBW	DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	461KG7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	44K0G7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	3M40G7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	30M5G7W		DIGITAL VIDEO, AUDIO, AND DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-REG-20090325-00370** E E090047 Minnesota Public Radio

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

---

SITE ID: 1  
LOCATION: 24591 190th Avenue, Otter Tail, Fergus Falls, MN  
46 ° 19 ' 12.00 " N LAT. 96 ° 5 ' 32.00 " W LONG.

ANTENNA ID:	A1	3.8 meters	Comtech Ant. Systems	3.8M
	3700.0000 - 4200.0000 MHz		30K0G7W	Digital Audio and Data
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Audio, and Data

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

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