



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SES-01535

Wednesday March 13, 2013

## Satellite Communications Services

### re: Satellite Radio Applications Accepted For Filing

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

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SES-AMD-20130111-00035 E E120228 NEW CINGULAR WIRELESS PCS, LLC

Amendment

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

New Cingular Wireless PCS, LLC amends its application, File No. SES-LIC-20121108-00995 to delete the 13.75-14.0 GHz (Earth-to-space) and 10.7-11.7 GHz and 12.2-12.75 GHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: 11241 Willows Road NE, King, Redmond, WA

ANTENNA ID:	Gen. Dyn.	1.2 meters	General Dynamics	1322-1.2M Ku-band
	14000.0000 - 14500.0000 MHz	3M00G7W	49.11 dBW	Digital Video and Data
	11700.0000 - 12200.0000 MHz	3M00G7W	0.00 dBW	Digital Video and Data
ANTENNA ID:	Toughsat	1.2 meters	Ground Control	1.2m Toughsat XP
	14000.0000 - 14500.0000 MHz	3M00G7W	51.09 dBW	Digital Video and Data
	11700.0000 - 12200.0000 MHz	3M00G7W	0.00 dBW	Digital Video and Data
ANTENNA ID:	AVL 1.2m	1.2 meters	AVL	1.2m Mobile 1278KFD
	14000.0000 - 14500.0000 MHz	3M00G7W	50.06 dBW	Digital Video and Data

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11700.0000 - 12200.0000 MHz	3M00G7W	0.00 dBW	Digital Video and Data
ANTENNA ID: AVL 1.8	1.8 meters	AVL	1.8m Mobile 1812K
14000.0000 - 14500.0000 MHz	3M00G7W	53.06 dBW	Digital Video and Data
11700.0000 - 12200.0000 MHz	3M00G7W	0.00 dBW	Digital Video and Data

**Points of Communication:**

1 - GALAXY 28 - (89.0 W.L.)

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**SES-LIC-20121108-00995** E E120228 NEW CINGULAR WIRELESS PCS, LLC

Application for Authority

**Class of Station:** VSAT Network

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 11241 Willows Road NE, King, Redmond, WA

ANTENNA ID: Gen. Dyn.	1.2 meters	General Dynamics	1322-1.2M Ku-band
11700.0000 - 12200.0000 MHz	3M00G7W	0.00 dBW	Digital Video and Data
14000.0000 - 14500.0000 MHz	3M00G7W	49.11 dBW	Digital Video and Data
ANTENNA ID: Toughsat	1.2 meters	Ground Control	1.2m Toughsat XP
11700.0000 - 12200.0000 MHz	3M00G7W	0.00 dBW	Digital Video and Data
14000.0000 - 14500.0000 MHz	3M00G7W	51.09 dBW	Digital Video and Data
ANTENNA ID: AVL 1.2m	1.2 meters	AVL	1.2m Mobile 1278KFD
11700.0000 - 12200.0000 MHz	3M00G7W	0.00 dBW	Digital Video and Data
14000.0000 - 14500.0000 MHz	3M00G7W	50.06 dBW	Digital Video and Data
ANTENNA ID: AVL 1.8	1.8 meters	AVL	1.8m Mobile 1812K
11700.0000 - 12200.0000 MHz	3M00G7W	0.00 dBW	Digital Video and Data
14000.0000 - 14500.0000 MHz	3M00G7W	53.06 dBW	Digital Video and Data

**Points of Communication:**

1 - GALAXY 28 - (89.0 W.L.)

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**SES-LIC-20130118-00065** E E130015 KNIGHT SKY CONSULTING AND ASSOCIATES

Application for Authority

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

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**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: (2.4M.), CONUS, AK. and HI

ANTENNA ID:	2.4M.	2.4 meters	GATR	2.4 METER	
	3700.0000 - 4200.0000 MHz		819KG7D	Digital Data Carrier	
	5925.0000 - 6425.0000 MHz		819KG7D	50.00 dBW	Digital Data Carrier

**Points of Communication:**

1 - NSS 9 - (177 W.L.)

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**SES-LIC-20130219-00187** E E130033 ViaSat, Inc.

Application for Authority

**Class of Station:** Mobile Earth Station

**Nature of Service:** Mobile Satellite Service

SITE ID: 1

LOCATION: (100,000 UNITS)

ANTENNA ID:	1	0.216 meters	ViaSat, Inc.	1148359	
	1626.5000 - 1660.5000 MHz		400KG1D	18.00 dBW	Constant envelop spreading sequence modulation, GMSK
	1625.5000 - 1660.5000 MHz		200KG1D	18.00 dBW	Constant envelop spreading sequence modulation, GMSK
	1625.5000 - 1660.5000 MHz		100KG1D	18.00 dBW	Constant envelop spreading sequence modulation, GMSK
	1625.5000 - 1660.5000 MHz		50K0G1D	18.00 dBW	Constant envelop spreading sequence modulation, GMSK
	1525.0000 - 1559.0000 MHz		400KG1D		QPSK, IP data
	1525.0000 - 1559.0000 MHz		200KG1D		QPSK, IP data
	1525.0000 - 1559.0000 MHz		100KG1D		QPSK, IP data
	1525.0000 - 1559.0000 MHz		50K0G1D		QPSK, IP data

**Points of Communication:**

1 - SKYTERRA 1 - (101.3 W.L.)

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**SES-LIC-20130304-00225** E E130043 KTLA, LLC

Application for Authority

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

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**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 5800 SUNSET BOULEVARD KTLA TRANSPORTABLE, VARIOUS  
0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	1	1.25 meters	GD SATCOM	C125M.
	14000.0000 - 14500.0000 MHz	2M00G7W	56.40 dBW	Digital Video, Audio and Data
	14000.0000 - 14500.0000 MHz	36M0G7W	63.40 dBW	Digital Video, Audio and Data

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MFS-20130228-00221** E E000001 Exxon Communications Company

Modification

**Class of Station:** Fixed Earth Stations

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

Exxon Communications Company requests modification of its fixed earth station authorization to operate on a fixed oil drilling platform located in the Gulf of Mexico to add the SATMEX 6 satellite at the 113° W.L. orbital location as a point of communication and to replace the existing 2.4 meter antenna with a new 2.4 meter antenna operating in the 5925-6425 MHz (Earth-to-space) and the 3700-4200 MHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: FIXED OIL DRILLING PLATFORM IN THE, GULF OF MEXICO  
26 ° 56 ' 20.80 " N LAT. 94 ° 41 ' 20.00 " W LONG.

ANTENNA ID:	1	2.4 meters	SEATEL	9797
	5925.0000 - 6425.0000 MHz	4M16G7D	48.30 dBW	DIGITAL DATA
	3700.0000 - 4200.0000 MHz	4M16G7D		DIGITAL DATA

**Points of Communication:**

1 - SATMEX 6 - (113 W.L.)

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**SES-MOD-20130227-00220** E E990170 HNS License Sub, LLC

Application for Modification

**Class of Station:** VSAT Network

**Nature of Service:** Fixed Satellite Service

HNS License Sub, LLC requests modification of its Smithfield, MI, based VSAT authorization to add a 2.4 meter temporary-fixed hub earth station antenna. The hub antenna will operate in 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands and will communicate with ALSAT satellites.

SITE ID: HUB-A

LOCATION: 24000 NORTHWESTERN HIGHWAY (5.6-METER), OAKLAND, SOUTHFIELD, MI  
42 ° 28 ' 0.00 " N LAT. 83 ° 13 ' 53.00 " W LONG.

ANTENNA ID:	HUB-A	5.6 meters	ANDREW CORPORATION	ES56-1
	14000.0000 - 14500.0000 MHz	1M60G7D	59.20 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
	14000.0000 - 14500.0000 MHz	400KG7D	53.20 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
	14000.0000 - 14500.0000 MHz	6M00G7D	64.20 dBW	BPSK, DATA, 5 MSPS MULTIMEDIA BROADCAST CARRIER
	14000.0000 - 14500.0000 MHz	6M00G7D	67.20 dBW	QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
	14000.0000 - 14500.0000 MHz	12M0G7D	67.20 dBW	BPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
	14000.0000 - 14500.0000 MHz	12M0G7D	70.20 dBW	QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
	14000.0000 - 14500.0000 MHz	24M0G7D	70.20 dBW	BPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
	14000.0000 - 14500.0000 MHz	24M0G7D	73.20 dBW	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
	14000.0000 - 14500.0000 MHz	18M0F9W	70.10 dBW	ANALOG VIDEO WITH AUDIO IN HALF TRANSPONDER
	14000.0000 - 14500.0000 MHz	36M0F9W	73.10 dBW	ANALOG VIDEO WITH AUDIO IN FULL TRANSPONDER
	11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
	11700.0000 - 12200.0000 MHz	200KG7D		BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
	11700.0000 - 12200.0000 MHz	400KG7D		BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER

SITE ID: HUB-B  
LOCATION: 24000 NORTHWESTERN HIGHWAY (4.6-METER), OAKLAND, SOUTHFIELD, MI  
42 ° 28 ' 0.00 " N LAT. 83 ° 13 ' 53.00 " W LONG.

ANTENNA ID:	HUB-B	4.6 meters	ANDREW CORPORATION	ESA46MPJ-1
	14000.0000 - 14500.0000 MHz	400KG7D	53.20 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
	14000.0000 - 14500.0000 MHz	1M60G7D	59.20 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER

14000.0000 - 14500.0000 MHz	6M00G7D	64.20 dBW	BPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	6M00G7D	67.20 dBW	QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	12M0G7D	67.20 dBW	BPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	12M0G7D	70.20 dBW	QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	24M0G7D	70.20 dBW	BPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	24M0G7D	73.20 dBW	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	36M0F9W	73.10 dBW	ANALOG VIDEO WITH AUDIO IN FULL TRANSPONDER
14000.0000 - 14500.0000 MHz	18M0F9W	70.10 dBW	ANALOG VIDEO WITH AUDIO IN HALF TRANSPONDER
11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER

SITE ID: HUB-C  
LOCATION: 24000 NORTHWESTERN HIGHWAY (7.6-METER), OAKLAND, SOUTHFIELD, MI  
42 ° 28 ' 0.00 " N LAT. 83 ° 13 ' 53.00 " W LONG.

ANTENNA ID:	HUB-C	7.6 meters	ANDREW CORPORARION	ES76K-1
14000.0000 - 14500.0000 MHz	400KG7D	58.20 dBW	BPSK, DATA, 256 KSPS, OUTROUTE BROADCAST CARRIER	
14000.0000 - 14500.0000 MHz	1M60G7D	64.20 dBW	BPSK, DATA, 1024, KSPS, OUTROUTE BROADCAST CARRIER	
14000.0000 - 14500.0000 MHz	6M00G7D	69.20 dBW	BPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER	
14000.0000 - 14500.0000 MHz	6M00G7D	72.20 dBW	QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER	
14000.0000 - 14500.0000 MHz	12M0G7D	72.20 dBW	BPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER	

14000.0000 - 14500.0000 MHz	12M0G7D	75.20 dBW	QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	24M0G7D	75.20 dBW	BPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	24M0G7D	78.20 dBW	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	36M0F9W	78.10 dBW	ANALOG VIDEO WITH AUDIO IN FULL TRANSPONDER
14000.0000 - 14500.0000 MHz	18M0F9W	75.10 dBW	ANALOG VIDEO WITH AUDIO IN HALF TRANSPONDER
11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER

SITE ID: REMOTE 1  
LOCATION: (1.8m. VSAT), 5,000 UNITS, CONUS, AK, HI,PR, VI

ANTENNA ID:	REMOTE 1A	1.8 meters	PRODELIN CORPORATION	1184
14000.0000 - 14500.0000 MHz	800KG7D	49.70 dBW	BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER	
14000.0000 - 14500.0000 MHz	200KG7D	49.70 dBW	BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER	
14000.0000 - 14500.0000 MHz	400KG7D	49.70 dBW	BPSK OR MSK, DATA, 256 KSPS INROUTE CARRIER	
11700.0000 - 12200.0000 MHz	400KG7D		BPSK, DATA, 256 KSPS, OUTROUTE CARRIER	
11700.0000 - 12200.0000 MHz	1M60G7D		BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER	
11700.0000 - 12200.0000 MHz	6M00G7D		BPSK, DATA, 5 MSPS MULTIMEDIA BROADCAST CARRIER	
11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS MULTIMEDIA BROADCAST CARRIER	
11700.0000 - 12200.0000 MHz	12M0G7D		BPSK, DATA, 10 MSPS MULTIMEDIA BROADCAST CARRIER	

11700.0000 - 12200.0000 MHz	12M0G7D	QPSK, DATA, 10 MSPS MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D	BPSK, DATA, 20 MSPS MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D	QPSK, DATA, 20 MSPS MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	18M0F9W	ANALOG VIDEO WITH AUDIO IN HALF TRANSPONDER
11700.0000 - 12200.0000 MHz	36M0F9W	ANALOG VIDEO WITH AUDIO IN FULL TRANSPONDER

SITE ID: REMOTE 2  
LOCATION: (1.2m VSAT), 20,000 UNITS, CONUS, AK, HI,PR,VI

ANTENNA ID: REMOTE 2A	1.2 meters	PRODELIN CORPORATION	1134
14000.0000 - 14500.0000 MHz	800KG7D	46.10 dBW	BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
14000.0000 - 14500.0000 MHz	200KG7D	46.10 dBW	BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	46.10 dBW	BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		BPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		BPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D		BPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA, 20 MSPS MULTIMEDIA BROADCAST CARRIER



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11700.0000 - 12200.0000 MHz	18M0F9W	ANALOG VIDEO WITH AUDIO IN HALF TRANSPONDER
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11700.0000 - 12200.0000 MHz	36M0F9W	ANALOG VIDEO WITH AUDIO IN FULL TRANSPONDER
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SITE ID: REMOTE 3  
LOCATION: (2.4m VSAT), 5,000 UNITS, CONUS, AK, HI,PR,VI

ANTENNA ID: REMOTE 3A    2.4 meters    PRODELIN CORPORATION    1244

14000.0000 - 14500.0000 MHz	200KG7D	52.20 dBW	BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
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14000.0000 - 14500.0000 MHz	400KG7D	52.20 dBW	BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
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14000.0000 - 14500.0000 MHz	800KG7D	52.20 dBW	BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
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11700.0000 - 12200.0000 MHz	400KG7D	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
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11700.0000 - 12200.0000 MHz	1M60G7D	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
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11700.0000 - 12200.0000 MHz	6M00G7D	BPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
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11700.0000 - 12200.0000 MHz	6M00G7D	QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
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11700.0000 - 12200.0000 MHz	12M0G7D	BPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
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11700.0000 - 12200.0000 MHz	12M0G7D	QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
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11700.0000 - 12200.0000 MHz	24M0G7D	BPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
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11700.0000 - 12200.0000 MHz	24M0G7D	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
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11700.0000 - 12200.0000 MHz	18M0F9W	ANALOG VIDEO WITH AUDIO IN HALF TRANSPONDER
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11700.0000 - 12200.0000 MHz	36M0F9W	ANALOG VIDEO WITH AUDIO IN FULL TRANSPONDER
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SITE ID: REMOTE 4  
LOCATION: (1.0m VSAT), 50,000 UNITS, CONUS, AK, HI,PR,VI

ANTENNA ID:	REMOTE 4A	1 meters	PRODELIN CORPORATION	1102	
		14000.0000 - 14500.0000 MHz	200KG7D	44.00 dBW	BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
		14000.0000 - 14500.0000 MHz	400KG7D	44.00 dBW	BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
		14000.0000 - 14500.0000 MHz	800KG7D	44.00 dBW	BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
		11700.0000 - 12200.0000 MHz	400KG7D		BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
		11700.0000 - 12200.0000 MHz	1M60G7D		BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
		11700.0000 - 12200.0000 MHz	6M00G7D		BPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
		11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
		11700.0000 - 12200.0000 MHz	12M0G7D		BPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
		11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
		11700.0000 - 12200.0000 MHz	24M0G7D		BPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
		11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
		11700.0000 - 12200.0000 MHz	18M0F9W		ANALOG VIDEO WITH AUDIO IN HALF TRANSPONDER
		11700.0000 - 12200.0000 MHz	36M0F9W		ANALOG VIDEO WITH AUDIO IN FULL TRANSPONDER

SITE ID: HUB-D  
LOCATION: 2400 NORTHWESTERN HIGHWAY, OAKLAND, SOUTHFIELD, MI

ANTENNA ID:	HUB-D	2.4 meters	ANDREW CORPORATION	ESA2.4VSMKU	
		14000.0000 - 14500.0000 MHz	36M0G7D	73.97 dBW	OUTROUTE, PSK, 30 MSPS
		14000.0000 - 14500.0000 MHz	1M60G7D	61.22 dBW	OUTROUTE, PSK, 1024 KSPS
		11700.0000 - 12200.0000 MHz	200KG7D		INBOUND , PSK, 128, KSPS
		11700.0000 - 12200.0000 MHz	800KG7D		INBOUND, PSK, 512 KSPS

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**Points of Communication:**

HUB-A - ALSAT - (ALSAT)

HUB-B - ALSAT - (ALSAT)

HUB-C - ALSAT - (ALSAT)

HUB-D - ALSAT - (ALSAT)

REMOTE 1 - ALSAT - (ALSAT)

REMOTE 2 - ALSAT - (ALSAT)

REMOTE 3 - ALSAT - (ALSAT)

REMOTE 4 - ALSAT - (ALSAT)

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