



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-00842

Wednesday August 2, 2006

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-AMD-20060725-01258 E E010332 Maritime Telecommunications Network, Inc.
Amendment

Class of Station: Other

Nature of Service: Fixed Satellite Service

Applicant seeks to amend pending application SES-LIC-20011130-02259 to revise information previously provided for ESV Remote-Type 1 (Sea Tel Model 4996T) and ESV Remote-Type 2 (Sea Tel Model 4003A-21; more commonly known as Model 4003) and to request two additional ESV remote types (Sea Tel Models 9797T and 4006). The information previously provided concerning the hub station and land-based remotes remains the same.

See File No. SES-LIC-20011130-02259 for pending application.

SITE ID: VSAT Remote

LOCATION: 15 1.2 M antennas aboard vessels on U.S.-flagged ships in, US Waters

ANTENNA ID:	MTN-12K	1.2 meters	SeaTel, Inc.	4996T
	14000.0000 - 14500.0000 MHz	384KG7D	45.04 dBW	QPSK; IBS
	11700.0000 - 12200.0000 MHz	0	0.00 dBW	QPSK; IBS
	11700.0000 - 12200.0000 MHz	350KG7W		QPSK; IBS; IP VOICE AND DATA

SITE ID: ESV Remote 4

LOCATION: Conus (1.0 meter) 100 Units, US Waters

ANTENNA ID: ESV 106K 1 meters SeaTel, Inc. 4006
14000.0000 - 14500.0000 MHz 350KG7W 41.46 dBW QPSK; IBS; IP VOICE AND DATA
11700.0000 - 12200.0000 MHz 350KG7W QPSK; IBS; IP VOICE AND DATA

SITE ID: ESV Remote 3
LOCATION: Conus (1.2 meter) 40 Units, US Waters

ANTENNA ID: ESV 24K 2.4 meters SeaTel, Inc. 9797T
14000.0000 - 14500.0000 MHz 350KG7W 41.46 dBW QPSK; IBS; IP VOICE AND DATA
11700.0000 - 12200.0000 MHz 350KG7W QPSK; IBS; IP VOICE AND DATA

SITE ID: ESV Remote 2
LOCATION: Conus (1.0 meter) 100 Units, US Waters

ANTENNA ID: ESV 10K 1 meters SeaTel, Inc. 4003
14000.0000 - 14500.0000 MHz 350KG7W 41.46 dBW QPSK; IBS; IP VOICE AND DATA
11700.0000 - 12200.0000 MHz 350KG7W QPSK; IBS; IP VOICE AND DATA

SITE ID: ESV Remote 1
LOCATION: Conus (2.4 meter) 40 Units, US Waters

ANTENNA ID: ESV 12K 1.2 meters SeaTel, Inc. 4996T
14000.0000 - 14500.0000 MHz 350KG7W 41.46 dBW QPSK; IBS; IP VOICE AND DATA

Points of Communication:

ESV Remote 1 - ALSAT - (ALSAT)

ESV Remote 2 - ALSAT - (ALSAT)

ESV Remote 3 - ALSAT - (ALSAT)

ESV Remote 4 - ALSAT - (ALSAT)

VSAT Remote - SATMEX-5 - (116.8 W.L.)

SES-LIC-20060721-01234 E E060276 Sirius Satellite Radio Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 24 Vernon Crossing Road, Sussex, Vernon, NJ
41 ° 12 ' 45.00 " N LAT. 74 ° 29 ' 39.00 " W LONG.

ANTENNA ID: 1	9.3 meters	Andrew Corp.	ES93
5925.0000 - 6425.0000 MHz	36M0G7W	80.50 dBW	Digital Data QPSK
5925.0000 - 6425.0000 MHz	103KG7W	64.00 dBW	Digital Data QPSK
3700.0000 - 4200.0000 MHz	36M0G7W		Digital Data QPSK
3700.0000 - 4200.0000 MHz	103KG7W		Digital Data QPSK

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20060727-01278 E E060282 DRS TECHNICAL SERVICES
Application for Authority
Class of Station: VSAT Network

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

SITE ID: REMOTE1
LOCATION: LOCATIONS THROUGHOUT (2.4M.VSAT), CONUS, AK

ANTENNA ID: REMOTE1	2.4 meters	Patriot Ant. Systems	2.4M
11700.0000 - 12200.0000 MHz	757KG7W -		DIGITAL VIDEO, VOICE AND DATA
11700.0000 - 12200.0000 MHz	1M00G7W		DIGITAL VIDEO, VOICE AND DATA
14000.0000 - 14500.0000 MHz	1M00G7W	59.60 dBW	DIGITAL VIDEO, VOICE AND DATA
14000.0000 - 14500.0000 MHz	757KG7W -	58.40 dBW	DIGITAL VIDEO, VOICE AND DATA

SITE ID: HUB
LOCATION: 122 1ST AVENUE (4.8M. HUB), N. STAR BOROUGH, FAIRBANKS, AK
64 ° 50 ' 40.00 " N LAT. 147 ° 42 ' 33.00 " W LONG.

ANTENNA ID: HUB	4.8 meters	VERTEX/RSI	4.8 KPK
11700.0000 - 12200.0000 MHz	6M00G7W		DIGITAL VIDEO, VOICE AND DATA

14000.0000 - 14500.0000 MHz	48K4G7W -	45.20 dBW	DIGITAL VIDEO, VOICE AND DATA
14000.0000 - 14500.0000 MHz	6M00G7W	66.20 dBW	DIGITAL VIDEO, VOICE AND DATA
11700.0000 - 12200.0000 MHz	48K4G7W -		DIGITAL VIDEO, VOICE AND DATA

Points of Communication:

HUB - ALSAT - (ALSAT)

REMOTE1 - ALSAT - (ALSAT)

SES-LIC-20060728-01287 E E060292 HARRIS CORPORATION

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Remote area - No street address, Lake, Lakeview, OR
 42 ° 29 ' 30.00 " N LAT. 120 ° 30 ' 24.00 " W LONG.

ANTENNA ID: 1 2.4 meters Vertex 2.4 HW

11700.0000 - 12200.0000 MHz 81K0G1W QPSK

14000.0000 - 14500.0000 MHz 81K0G1W 44.28 dBW QPSK

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20060728-01288 E E060291 ALASKA BROADCASTING COMPANY INC

Application for Authority

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: 1007 West 32nd Avenue, Muni. of Anchorage, Anchorage, AK
 61 ° 11 ' 20.00 " N LAT. 149 ° 54 ' 32.00 " W LONG.

ANTENNA ID: 1 5.6 meters Andrew Corp. ESA 56-124B

14000.0000 - 14500.0000 MHz 36M0F3F 74.00 dBW Analog Video

11700.0000 - 12200.0000 MHz 36M0F3F Analog Video

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20060801-01294 E E060295 Nissan North America, Inc. **EZ**

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 983 Nissan Drive, Rutherford, Smyrna, TN

35 ° 57 ' 27.20 " N LAT.

86 ° 29 ' 6.10 " W LONG.

ANTENNA ID: 1	2.4 meters	Vertex	DPVK
14000.0000 - 14500.0000 MHz	6M00G7W	65.00 dBW	Digital Video, Audio, and Data
11700.0000 - 12200.0000 MHz	6M00G7W		Digital Video, Audio, and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MFS-20060720-01216 E E940460 HNS License Sub, LLC

Modification

Class of Station: VSAT Network

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

Hughes Network Systems License Subsidiary, Limited Liability Corporation (Hughes), filed a modification application to add additional .74cm antenna, to add SatMex 6 as a new point of communication, request to change operating conditions for the Horizons 1 satellite to operate at an EIRP density level of + 13 dBW/4kHz, instead of what is stated in condition # 2536 not to exceed +10 dBW/4kHz from Horizons 1satellite, also request to increase the quantity of the 7.6 meter hubs from two to six 7.6 meter hubs, and to add a new 5.6 meter hub all operating on a non-common carrier basis.

SITE ID: TR 1.8M

LOCATION: CONUS, AK, HI, VI, PR (50,000 1.8M antennas)

ANTENNA ID: TR 1.8M	1.8 meters	PRODELIN	1184
14000.0000 - 14500.0000 MHz	200KG7D	49.70 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	49.70 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN 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
14000.0000 - 14500.0000 MHz	800KG7D	49.70 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		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	49.70 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	49.70 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: TR 2.4M

LOCATION: CONUS, AK, HI, VI, PR (11,000 2.4M antennas)

ANTENNA ID: TR 2.4M 2.4 meters PRODELIN 1244

14000.0000 - 14500.0000 MHz	200KG7D	52.20 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	52.20 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	200KG7D	52.20 dBW	BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	52.20 dBW	BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	52.20 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		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	52.20 dBW	QPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	52.20 dBW	QPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		QPSK, DIGITAL, 512 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		QPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: HUB 4.6M

LOCATION: ONE AEROJET WAY, CLARK, NORTH LAS VEGAS, NV

36 ° 14 ' 21.00 " N LAT.

115 ° 7 ' 6.00 " W LONG.

ANTENNA ID: TR 4.6M 4.6 meters ANDREW CORP. ES46

11700.0000 - 12200.0000 MHz	200KG7D		OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		OQPSK, DIGITAL, 256 KSPS, RETURN 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
11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	66.90 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	24M0G7D	78.30 dBW	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER

14000.0000 - 14500.0000 MHz	36M0G7D	78.30 dBW	QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
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14000.0000 - 14500.0000 MHz	400KG7D	60.90 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
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SITE ID: TR 74CM
LOCATION: CONUS, AK, HI, VI, PR (350,000 .74M antennas)

ANTENNA ID: TR 74M	0.74 meters	PRODELIN	HANT-91TR
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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	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
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14000.0000 - 14500.0000 MHz	200KG7D	39.00 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
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14000.0000 - 14500.0000 MHz	400KG7D	42.00 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
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14000.0000 - 14500.0000 MHz	400KG7D	42.00 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
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14000.0000 - 14500.0000 MHz	800KG7D	42.00 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
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14000.0000 - 14500.0000 MHz	1M60G7D	42.00 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
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11700.0000 - 12200.0000 MHz	800KG7D		OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
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11700.0000 - 12200.0000 MHz	1M60G7D		OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
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11700.0000 - 12200.0000 MHz	400KG7D		OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
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SITE ID: TF TR 74CM
LOCATION: CONUS, AK, HI, VI, PR (60,200 .74M antennas)

ANTENNA ID: TF TR 74CM	0.74 meters	PRODELIN	HANT-91TR
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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	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	200KG7D	39.00 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	42.00 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7W	42.00 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	42.00 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	42.00 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	400KG7W		OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: TR 98CM

LOCATION: CONUS, AK, HI, VI, PR (60,000 .98M antennas)

ANTENNA ID: TR 98M 0.98 meters PRODELIN 9008668

11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	200KG7D	44.30 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	44.30 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	44.30 dBW	QPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	44.30 dBW	QPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: TF TR 98CM
 LOCATION: CONUS, AK, HI, VI, PR (54,000 .98M antennas)

ANTENNA ID:	TF TR 98CM	0.98 meters	PRODELIN	9008668
	11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
	14000.0000 - 14500.0000 MHz	200KG7D	44.30 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	400KG7D	44.30 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	800KG7D	44.30 dBW	QPSK, DIGITAL, 512 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	1M60G7D	44.30 dBW	QPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
	11700.0000 - 12200.0000 MHz	800KG7D		QPSK, DIGITAL, 512 KSPS, RETURN CARRIER
	11700.0000 - 12200.0000 MHz	1M60G7D		QPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: HUB 6.1M
 LOCATION: ONE AEROJET WAY, CLARK, NORTH LAS VEGAS, NV
 36 ° 14 ' 21.00 " N LAT. 115 ° 7 ' 6.00 " W LONG.

ANTENNA ID:	TR 6.1M	6.1 meters	VERTEX	6.1 KPK
	14000.0000 - 14500.0000 MHz	400KG7D	63.30 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
	14000.0000 - 14500.0000 MHz	1M60G7D	63.30 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
	14000.0000 - 14500.0000 MHz	6M00G7D	75.10 dBW	QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
	14000.0000 - 14500.0000 MHz	12M0G7D	78.10 dBW	QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER

11700.0000 - 12200.0000 MHz	200KG7D	QPSK, DIGITAL, 128 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	400KG7D	QPSK, DIGITAL, 256 KSPS, RETURN 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
11700.0000 - 12200.0000 MHz	800KG7D	BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER

SITE ID: HUB 7.6M

LOCATION: ONE AEROJET WAY, CLARK, NORTH LAS VEGAS, NV

36 ° 14 ' 11.00 " N LAT.

115 ° 7 ' 4.00 " W LONG.

ANTENNA ID: TR 7.6M 7.6 meters ANDREW CORP. ES76K-1

14000.0000 - 14500.0000 MHz	1M60G7D	71.30 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	65.30 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	24M0G7D	78.30 dBW	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	36M0G7D	78.30 dBW	QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		QPSK, DIGITAL, 128 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		QPSK, DIGITAL, 256 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		QPSK, DIGITAL, 256 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER

SITE ID: TR 74-2CM

LOCATION: CONUS, AK, HI, VI, PR (500,000 .74CM meter antennas)

ANTENNA ID:	TR 74-2	0.74 meters	RAVEN/PRODELIN	HNS-1035610; 1741
	11700.0000 - 12200.0000 MHz	6M0G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA
	11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA
	11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA
	11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA
	14000.0000 - 14500.0000 MHz	200KG7D	38.70 dBW	QPSK, DIGITAL, 128 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	400KG7D	41.70 dBW	QPSK, DIGITAL, 256 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	800KG7D	41.70 dBW	QPSK, DIGITAL, 512 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	1M60G7D	41.70 dBW	QPSK, DIGITAL, 1024 RSPS, RETURN CARRIER

SITE ID: TF TR 74-2CM
LOCATION: CONUS, AK, HI, VI, PR (60,200 .74CM meter antennas)

ANTENNA ID:	TFTR 74-2	0.74 meters	RAVEN/PRODELIN	HNS-1035610; 1741
	11700.0000 - 12200.0000 MHz	6M0G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA
	11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA
	11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA
	11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA
	14000.0000 - 14500.0000 MHz	200KG7D	38.70 dBW	QPSK, DIGITAL, 128 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	400KG7D	41.70 dBW	QPSK, DIGITAL, 256 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	800KG7D	41.70 dBW	QPSK, DIGITAL, 512 KSPS, RETURN CARRIER

14000.0000 - 14500.0000 MHz	1M60G7D	41.70 dBW	QPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
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SITE ID: TF TR 1.2M

LOCATION: CONUS, AK, HI, VI, PR (50,000 1.2M antennas)

ANTENNA ID: TF TR 1.2	1.2 meters	PRODELIN	1134
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14000.0000 - 14500.0000 MHz	800KG7W	46.10 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
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14000.0000 - 14500.0000 MHz	1M60G7D	46.10 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
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11700.0000 - 12200.0000 MHz	800KG7W		OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
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11700.0000 - 12200.0000 MHz	1M60G7D		OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
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SITE ID: TR 1.2M

LOCATION: CONUS, AK, HI, VI, PR (100,000 1.2M antennas)

ANTENNA ID: TR 1.2M	1.2 meters	PRODELIN	1134
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14000.0000 - 14500.0000 MHz	200KG7D	46.10 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
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14000.0000 - 14500.0000 MHz	400KG7D	46.10 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
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14000.0000 - 14500.0000 MHz	200KG7D	46.10 dBW	BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
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14000.0000 - 14500.0000 MHz	400KG7D	46.10 dBW	BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
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14000.0000 - 14500.0000 MHz	800KG7D	46.10 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		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
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11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	46.10 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	46.10 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: TR 1.0M

LOCATION: CONUS, AK,HI,VI,PR (10,000 1.0M antennas)

ANTENNA ID: TR 1.0M	1 meters	HUGHES NETWORK SYSTEMS	SCE 3000172
14000.0000 - 14500.0000 MHz	200KG7D	44.00 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	44.00 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
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	1M60G7D		BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER

SITE ID: HUB 5.6M
 LOCATION: ONE AEROJET WAY, CLARK, NORTH LAS VEGAS, NV
 36 ° 14 ' 11.00 " N LAT. 115 ° 7 ' 4.00 " W LONG.

ANTENNA ID:	HUB 5.6M	5.6 meters	ANDREW CORP.	ES56.1
11700.0000 - 12200.0000 MHz	400KG7D			BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	800KG7D			QPSK, DIGITAL, 512 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	200KG7D			OQPSK, DATA, 128 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D			OQPSK, DATA, 256 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	200KG7D			OQPSK, DATA, 128 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D			OQPSK, DATA, 256 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	800KG7D			OQPSK, DATA, 512 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D			OQPSK, DIGITAL, 1024 KSPS, INROUTE CARRIER
14000.0000 - 14500.0000 MHz	6M00G7D	67.70 dBW		OQPSK, DATA, 5 MSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	12M0G7D	70.70 dBW		OQPSK, DATA, 10 MSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	24M0G7D	77.70 dBW		OQPSK, DATA, 20 MSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	36M0G7D	77.70 dBW		OQPSK, DATA, 30 MSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	52.90 dBW		OQPSK, DATA, 256 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	58.90 dBW		OQPSK, DATA, 1024 KSPS, OUTROUTE CARRIER

Points of Communication:

HUB 4.6M - PERMITTED LIST - ()

HUB 5.6M - ALSAT - (ALSAT)

HUB 5.6M - SATMEX 6 - (113 W.L.)

HUB 6.1M - ALSAT - (ALSAT)

HUB 6.1M - GALAXY 10R - (123 W.L.)

HUB 6.1M - HORIZONS 1 - (127 DEG WL)

HUB 6.1M - IA-8 - (89 W.L.)

HUB 7.6M - ALSAT - (ALSAT)

HUB 7.6M - GALAXY 10R - (123 W.L.)

HUB 7.6M - HORIZONS 1 - (127 DEG WL)

HUB 7.6M - IA-8 - (89 W.L.)

HUB 7.6M - SATMEX 6 - (113 W.L.)

TF TR 1.2M - ALSAT - (ALSAT)

TF TR 74-2CM - AMC-3 - (87 W.L.)

TF TR 74-2CM - AMC-4 (formerl GE-4 - (101 W.L.)

TF TR 74-2CM - AMC-6 - (72 W.L.)

TF TR 74-2CM - AMSC-9 - (85 W.L.)

TF TR 74-2CM - GALAXY 10R - (123 W.L.)

TF TR 74-2CM - GALAXY 4R - (99 W.L.)

TF TR 74-2CM - GALAXY III-C - (95 W.L.)

TF TR 74-2CM - GALAXY XI - (91 W.L.)

TF TR 74-2CM - HORIZONS 1 - (127 DEG WL)

TF TR 74-2CM - INTELSAT 8 - (89 W.L.)

TF TR 74-2CM - INTELSAT AMERICAS 5 - (97 W.L.)

TF TR 74-2CM - SATMEX 6 - (113 W.L.)

TF TR 74-2CM - SATMEX-5 - (116.8 W.L.)

TF TR 74CM - AMC-3 - (87 W.L.)

TF TR 74CM - AMC-4 (formerl GE-4 - (101 W.L.)

TF TR 74CM - AMC-6 - (72 W.L.)

TF TR 74CM - AMSC-9 - (85 W.L.)

TF TR 74CM - GALAXY 10R - (123 W.L.)

TF TR 74CM - GALAXY 4R - (99 W.L.)

TF TR 74CM - GALAXY III-C - (95 W.L.)

TF TR 74CM - GALAXY XI - (91 W.L.)

TF TR 74CM - HORIZONS 1 - (127 DEG WL)

TF TR 74CM - IA-8 - (89 W.L.)

TF TR 74CM - INTELSAT AMERICAS 5 - (97 W.L.)

TF TR 74CM - SATMEX 6 - (113 W.L.)

TF TR 74CM - SATMEX-5 - (116.8 W.L.)

TF TR 98CM - AMC-3 - (87 W.L.)

TF TR 98CM - AMC-4 (formerl GE-4 - (101 W.L.)

TF TR 98CM - AMC-6 - (72 W.L.)

TF TR 98CM - AMSC-9 - (85 W.L.)

TF TR 98CM - GALAXY 10R - (123 W.L.)

TF TR 98CM - GALAXY 4R - (99 W.L.)

TF TR 98CM - GALAXY III-C - (95 W.L.)

TF TR 98CM - GALAXY XI - (91 W.L.)

TF TR 98CM - HORIZONS 1 - (127 DEG WL)

TF TR 98CM - IA-8 - (89 W.L.)

TF TR 98CM - INTELSAT AMERICAS 5 - (97 W.L.)

TF TR 98CM - SATMEX 6 - (113 W.L.)

TF TR 98CM - SATMEX-5 - (116.8 W.L.)

TR 1.0M - ALSAT - (ALSAT)

TR 1.0M - GALAXY 10R - (123 W.L.)

TR 1.0M - HORIZONS 1 - (127 DEG WL)

TR 1.0M - IA-8 - (89 W.L.)

TR 1.0M - SATMEX 6 - (113 W.L.)

TR 1.2M - ALSAT - (ALSAT)

TR 1.8M - ALSAT - (ALSAT)

TR 2.4M - ALSAT - (ALSAT)

TR 74-2CM - AMC-3 - (87 W.L.)

TR 74-2CM - AMC-4 (formerl GE-4 - (101 W.L.)

TR 74-2CM - AMC-6 - (72 W.L.)

TR 74-2CM - AMSC-9 - (85 W.L.)

TR 74-2CM - GALAXY 10R - (123 W.L.)

TR 74-2CM - GALAXY 4R - (99 W.L.)

TR 74-2CM - GALAXY III-C - (95 W.L.)

TR 74-2CM - GALAXY XI - (91 W.L.)

TR 74-2CM - HORIZONS 1 - (127 DEG WL)

TR 74-2CM - IA-8 - (89 W.L.)

TR 74-2CM - INTELSAT AMERICAS 5 - (97 W.L.)

TR 74-2CM - SATMEX 6 - (113 W.L.)

TR 74-2CM - SATMEX-5 - (116.8 W.L.)

TR 74CM - AMC-3 - (87 W.L.)

TR 74CM - AMC-4 (formerl GE-4 - (101 W.L.)

TR 74CM - AMC-6 - (72 W.L.)

TR 74CM - AMSC-9 - (85 W.L.)

TR 74CM - GALAXY 10R - (123 W.L.)

TR 74CM - GALAXY 4R - (99 W.L.)

TR 74CM - GALAXY III-C - (95 W.L.)

TR 74CM - GALAXY XI - (91 W.L.)

TR 74CM - HORIZONS 1 - (127 DEG WL)

TR 74CM - IA-8 - (89 W.L.)

TR 74CM - INTELSAT AMERICAS 5 - (97 W.L.)

TR 74CM - SATMEX 6 - (113 W.L.)

TR 74CM - SATMEX-5 - (116.8 W.L.)

TR 98CM - AMC-3 - (87 W.L.)

TR 98CM - AMC-4 (formerl GE-4 - (101 W.L.)

TR 98CM - AMC-6 - (72 W.L.)

TR 98CM - AMSC-9 - (85 W.L.)

TR 98CM - GALAXY 10R - (123 W.L.)

TR 98CM - GALAXY 4R - (99 W.L.)

TR 98CM - GALAXY III-C - (95 W.L.)

TR 98CM - GALAXY XI - (91 W.L.)

TR 98CM - HORIZONS 1 - (127 DEG WL)

TR 98CM - IA-8 - (89 W.L.)

TR 98CM - INTELSAT AMERICAS 5 - (97 W.L.)

TR 98CM - SATMEX 6 - (113 W.L.)

TR 98CM - SATMEX-5 - (116.8 W.L.)

SES-MFS-20060720-01217 E E010016 Hawaii Pacific Teleport, L.P.

Modification

Class of Station: Fixed Earth Stations

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

Application to modify license to delete 7 meter antenna on JSCAT-3 and replace with 9.3 meter antenna on JCSAT-5A at Kapolei, Hawaii.

SITE ID: 1

LOCATION: 91-340 FARRINGTON HIGHWAY, KAPOLEI, HI

21 ° 20 ' 8.00 " N LAT.

158 ° 5 ' 25.00 " W LONG.

ANTENNA ID:	9.3M	9.3 meters	ANDREW CORP.	ESA93L
	6681.0000 - 6723.0000 MHz	1M23G7W-	63.80 dBW	DIGITAL, VARIOUS COMBINATION OF CARRIERS
	6681.0000 - 6723.0000 MHz	36M0G7W	78.50 dBW	DIGITAL, VARIOUS COMBINATION OF CARRIERS
	6651.0000 - 6669.0000 MHz	1M23G7W-	63.80 dBW	DIGITAL, VARIOUS COMBINATION OF CARRIERS

6651.0000 - 6669.0000 MHz	36M0G7W	78.50 dBW	DIGITAL, VARIOUS COMBINATION OF CARRIERS
6633.0000 - 6639.0000 MHz	1M23G7W-	63.80 dBW	DIGITAL, VARIOUS COMBINATION OF CARRIERS
6633.0000 - 6639.0000 MHz	36M0G7W	78.50 dBW	DIGITAL, VARIOUS COMBINATION OF CARRIERS
6587.0000 - 6627.0000 MHz	1M23G7W-	63.80 dBW	DIGITAL, VARIOUS COMBINATION OF CARRIERS
6587.0000 - 6627.0000 MHz	36M0G7W	78.50 dBW	DIGITAL, VARIOUS COMBINATION OF CARRIERS
3600.0000 - 3698.0000 MHz	1M23G7W-		DIGITAL, VARIOUS COMBINATION OF CARRIERS
3600.0000 - 3698.0000 MHz	36M0G7W		DIGITAL, VARIOUS COMBINATION OF CARRIERS
ANTENNA ID: 11M	11 meters	VERTEX	KPC
5925.0000 - 6425.0000 MHz	51K2G7D-	59.50 dBW	DIGITAL DATA, FEC, 3/4, 1/2 ETC., QPSK.
5925.0000 - 6425.0000 MHz	36M0G7D	84.00 dBW	DIGITAL DATA, FEC, 3/4, 1/2 ETC., QPSK.
5925.0000 - 6425.0000 MHz	36M0G7W	82.40 dBW	DIGITAL, VARIOUS COMBINATION OF CARRIERS. Emission range: 51K2G7W to 36M0G7W
5925.0000 - 6425.0000 MHz	51K2G7W	59.50 dBW	DIGITAL, VARIOUS COMBINATION OF CARRIERS
5925.0000 - 6425.0000 MHz	36M0G7D	82.40 dBW	DIGITAL DATA, FEC, 3/4, 1/2 ETC., QPSK. MESAT-2 only
5925.0000 - 6425.0000 MHz	51K2G7D	59.50 dBW	DIGITAL DATA, FEC, 3/4, 1/2 ETC., QPSK. Emission Range: 51K2G7D- 36M0G7D. MESAT-2 only
3700.0000 - 4200.0000 MHz	51K2G7D-		DIGITAL, QPSK, 3/4 1/2 FEC
3700.0000 - 4200.0000 MHz	36M0G7D		DIGITAL, QPSK, 3/4 1/2 FEC
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL, VARIOUS COMBINATION OF CARRIERS

3700.0000 - 4200.0000 MHz	51K2G7W			DIGITAL, VARIOUS COMBINATION OF CARRIERS. Emission range: 51K2G7W to 36M0G7W
3700.0000 - 4200.0000 MHz	36M0G7D			DIGITAL DATA, FEC, 3/4, 1/2 ETC., QPSK. Emission Range: 51K2G7D- 36M0G7D.
3700.0000 - 4200.0000 MHz	51K2G7D			DIGITAL DATA, VARIOUS FEC, 3/4, 1/2 ETC., VARIOUS MOD., QPSK, ETC.
ANTENNA ID: 9.3M(#2)	9.3 meters	ANDREW CORP.		ESA9.3-46
5925.0000 - 6425.0000 MHz	36M0G7F	77.40 dBW		DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	3M00G7F	73.40 dBW		DIGITAL VIDEO. Emission range: 3M00G7F to 36M0G7F
5925.0000 - 6425.0000 MHz	36M0G7W	80.43 dBW		DIGITAL, VARIOUS COMBINATION OF CARRIERS
5925.0000 - 6425.0000 MHz	51K2G7W	57.97 dBW		DIGITAL, VARIOUS COMBINATION OF CARRIERS. Emission range: 51K2G7W to 36M0G7W
5925.0000 - 6425.0000 MHz	36M0G7D	80.43 dBW		DIGITAL DATA, VARIOUS FEC 3/4, 1/2 ETC VARIOUS MOD QPSK, ETC.
5925.0000 - 6425.0000 MHz	51K2G7D	57.97 dBW		DIGITAL DATA, VARIOUS FEC 3/4, 1/2 ETC VARIOUS MOD QPSK, ETC. Emission range: 51K2G7D to 36M0G7D
3700.0000 - 4200.0000 MHz	36M0G7F			DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	3M00G7F			DIGITAL VIDEO. Emission range: 3M00G7F to 36M0G7F
3700.0000 - 4200.0000 MHz	36M0G7W			DIGITAL, VARIOUS COMBINATION OF CARRIERS
3700.0000 - 4200.0000 MHz	51K2G7W			DIGITAL, VARIOUS COMBINATION OF CARRIERS. Emission range: 51K2G7W to 36M0G7W
3700.0000 - 4200.0000 MHz	36M0G7D			DIGITAL DATA, VARIOUS FEC 3/4, 1/2 ETC VARIOUS MOD QPSK, ETC.

3700.0000 - 4200.0000 MHz

51K2G7D

DIGITAL DATA, VARIOUS FEC 3/4,
1/2 ETC VARIOUS MOD QPSK,
ETC. Emission range: 51K2G7D to
36M0G7D

Points of Communication:

1 - ALSAT - (ALSAT)

1 - APSTAR V - (138 E.L.)

1 - JCSAT 5A - (132 E.L.)

1 - Mabuhay (AGILA 2) - (146 E.L.)

1 - MEASAT-2 - (148 E.L.)

SES-MFS-20060726-01265 E E000166 HNS License Sub, LLC

Modification

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

HNS License Sub, LLC, filed a modification application to remove obsolete information, deletion of antennas that are no longer in use, minor correction, increase power density, add new emission designators, add SatMex 6 as a point of communication and to change the operating conditions for Horizons 1 satellite, and the removal of condition # 5011.

SITE ID: TF TR 1.2M

LOCATION: CONUS, AK, HI, PR, VI 1.2 M (50,000 UNITS)

ANTENNA ID: TF TR 1.2	1.2 meters	PRODELIN	1134
14000.0000 - 14500.0000 MHz	200KG7D	46.10 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	46.10 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	800KG7W	46.10 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	46.10 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D		OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER

11700.0000 - 12200.0000 MHz 12M0G7D OQPSK, DATA, 10 MSPS,
MULTIMEDIA BROADCAST
CARRIER

11700.0000 - 12200.0000 MHz 6M00G7D OQPSK, DATA, 5 MSPS,
MULTIMEDIA BROADCAST
CARRIER

SITE ID: R1.2M
LOCATION: VSAT 1.2M (10 UNITS) CONUS, AK, HI, PR, VI

ANTENNA ID: R1.2 1.2 meters PRODELIN 1134

SITE ID: TR 74CM
LOCATION: VSAT 0.74M (98 x 56 cm) (350,000 UNITS), CONUS, AK,HI,PR, VI

ANTENNA ID: TR 74CM 0.74 meters PRODELIN HANT-91TR

14000.0000 - 14500.0000 MHz 200KG7D 42.00 dBW OQPSK, DIGITAL, 128 KSPS,
RETURN CARRIER

14000.0000 - 14500.0000 MHz 400KG7D 42.00 dBW OQPSK, DIGITAL, 256 KSPS,
RETURN CARRIER

14000.0000 - 14500.0000 MHz 800KG7D 42.00 dBW OQPSK, DIGITAL, 512 KSPS,
RETURN CARRIER

14000.0000 - 14500.0000 MHz 1M60G7D 42.00 dBW OQPSK, DIGITAL, 1024 KSPS,
RETURN CARRIER

11700.0000 - 12200.0000 MHz 24M0G7D 0.00 dBW OQPSK, DATA, 20 MSPS,
MULTIMEDIA BROADCAST
CARRIER

11700.0000 - 12200.0000 MHz 36M0G7D OQPSK, DATA, 30 MSPS,
MULTIMEDIA BROADCAST
CARRIER

11700.0000 - 12200.0000 MHz 12M0G7D OQPSK, DATA, 10 MSPS,
MULTIMEDIA BROADCAST
CARRIER

11700.0000 - 12200.0000 MHz 6M00G7D OQPSK, DATA, 5 MSPS,
MULTIMEDIA BROADCAST
CARRIER

11700.0000 - 12200.0000 MHz 800KG7D OQPSK, DIGITAL, 512 KSPS,
RETURN CARRIER

SITE ID: TR 1.2M
LOCATION: VSAT 1.2M (100,000 UNITS) CONUS, AK, HI, VI, PR

ANTENNA ID:	TR 1.2M	1.2 meters	PRODELIN CORP.	1134
	14000.0000 - 14500.0000 MHz	200KG7D	46.10 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	400KG7D	46.10 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN 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
	14000.0000 - 14500.0000 MHz	800KG7D	46.10 dBW	BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
	14000.0000 - 14500.0000 MHz	800KG7D	46.10 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	1M60G7D	46.10 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
	11700.0000 - 12200.0000 MHz	24M0G7D		OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	36M0G7D		OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	400KG7D		BPSK OR MSK, DATA, 256 KSPS, OUTROUTE CARRIER
	11700.0000 - 12200.0000 MHz	1M60G7D		BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
	11700.0000 - 12200.0000 MHz	12M0G7D		OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	6M00G7D		OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER

SITE ID: TR 1.8M
LOCATION: VSAT 1.8M (50,000 UNITS) CONUS, AK, HI, VI, PR

ANTENNA ID:	TR 1.8	1.8 meters	PRODELIN CORP.	1184
	14000.0000 - 14500.0000 MHz	800KG7D	49.70 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER

14000.0000 - 14500.0000 MHz	1M60G7D	49.70 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D		OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER

SITE ID: HUB-B

LOCATION: 7.6M (HUB) 11717 EXPLORATION LANE, MONTGOMERY, GERMANTOWN, MD
39 ° 10 ' 46.00 " N LAT. 77 ° 14 ' 41.00 " W LONG.

ANTENNA ID: HubB7.6	7.6 meters	ANDREW CORP.	ES76K-1
14000.0000 - 14500.0000 MHz	24M0G7D	78.00 dBW	OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	36M0G7D	78.00 dBW	OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	47.90 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	53.90 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	200KG7D	0.00 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		OQPSK, DIGITAL, 256 KSPS, RETURN 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
11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER

11700.0000 - 12200.0000 MHz	1M60G7D		OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
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SITE ID: TR 1.0M

LOCATION: VSAT 1.0M (135 cm x 58 cm) (100,000 UNITS), CONUS, AK, HI, VI, PR

ANTENNA ID: TR 1.0	1 meters	PRODELIN CORP. (135 cm x 58 cm)	1102
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14000.0000 - 14500.0000 MHz	400KG7D	44.00 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
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14000.0000 - 14500.0000 MHz	200KG7D	44.00 dBW	BPSK OR MSK, DATA, 128 KSPS, INROUTE CARREIR
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14000.0000 - 14500.0000 MHz	800KG7D	44.00 dBW	BPSK OR MSK, DATA 512 KSPS, INROUTE CARRIER
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11700.0000 - 12200.0000 MHz	36M0G7D		OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
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11700.0000 - 12200.0000 MHz	6M00G7D		OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
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11700.0000 - 12200.0000 MHz	12M0G7D		OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
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14000.0000 - 14500.0000 MHz	1M60G7D	44.00 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
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11700.0000 - 12200.0000 MHz	24M0G7D		OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
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SITE ID: TR 98CM

LOCATION: VSAT 0.98M (60,000 UNITS), CONUS, AK, HI, PR, VI

ANTENNA ID: TR98	0.98 meters	PRODELIN	9008668
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14000.0000 - 14500.0000 MHz	200KG7D	44.30 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
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14000.0000 - 14500.0000 MHz	400KG7D	44.30 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
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14000.0000 - 14500.0000 MHz	800KG7D	44.30 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
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14000.0000 - 14500.0000 MHz	1M60G7D	44.30 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
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11700.0000 - 12200.0000 MHz	24M0G7D	0.00 dBW	OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER

SITE ID: TF TR 98CM

LOCATION: VSAT 0.98M temporary-fixed (54,000 UNITS), CONUS, AK, HI, PR,VI

ANTENNA ID: TF TR 98 0.98 meters PRODELIN 9008668

14000.0000 - 14500.0000 MHz	200KG7D	44.30 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	44.30 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	44.30 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D	0.00 dBW	OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	44.30 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER

SITE ID: TF TR 74CM
 LOCATION: VSAT 0.74M (98 x 56 cm) temporary-fixed (60,200 UNITS), CONUS, AK,HI,PR, VI

ANTENNA ID:	TF TR 74	0.74 meters	PRODELIN	HANT-91TR
	14000.0000 - 14500.0000 MHz	200KG7D	42.00 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	400KG7W	42.00 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	1M60G7D	42.00 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
	11700.0000 - 12200.0000 MHz	36M0G7D		OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	24M0G7D		OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	6M00G7D		OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	12M0G7D		OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	800KG7D		OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER

SITE ID: HUB-A
 LOCATION: 7.6M.(HUB) 11717 EXPLORATION LANE, MONTGOMERY, GERMANTOWN, MD
 39 ° 10 ' 49.00 " N LAT. 77 ° 14 ' 47.00 " W LONG.

ANTENNA ID:	HubA7.6M	7.6 meters	ANDREW CORP.	ES76K-1
	14000.0000 - 14500.0000 MHz	24M0G7D	78.00 dBW	ODATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
	14000.0000 - 14500.0000 MHz	36M0G7D	78.00 dBW	OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
	14000.0000 - 14500.0000 MHz	400KG7D	47.90 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
	14000.0000 - 14500.0000 MHz	1M60G7D	53.90 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER

11700.0000 - 12200.0000 MHz	200KG7D		OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		OQPSK, DIGITAL, 256 KSPS, RETURN 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
11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: TR 2.4M

LOCATION: VSAT 2.4M (11,000 units), CONUS, AK, HI, VI, P

ANTENNA ID: TR 2.4M 2.4 meters PRODELIN CORP. 1244

14000.0000 - 14500.0000 MHz	200KG7D	52.20 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	52.20 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	52.20 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	52.20 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D		OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER

SITE ID: HUB-C 7.6M
 LOCATION: 11717 EXPLORATION LANE, MONTGOMERY, GERMANTOWN, MD
 39 ° 10 ' 43.00 " N LAT. 77 ° 14 ' 51.00 " W LONG.

ANTENNA ID:	HubC 7.6M	7.6 meters	NEC	APS-12/14-F64A
14000.0000 - 14500.0000 MHz	400KG7D	59.00 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER	
14000.0000 - 14500.0000 MHz	1M60G7D	65.00 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER	
14000.0000 - 14500.0000 MHz	6M00G7D	70.80 dBW	OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER	
14000.0000 - 14500.0000 MHz	12M0G7D	73.80 dBW	OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST 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		
11700.0000 - 12200.0000 MHz	800KG7D	BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER		
11700.0000 - 12200.0000 MHz	1M60G7D	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER		

SITE ID: HUB-D 7.6M
 LOCATION: 11717 EXPLORATION LANE, MONTGOMERY, GERMANTOWN, MD
 39 ° 10 ' 42.00 " N LAT. 77 ° 14 ' 53.00 " W LONG.

ANTENNA ID:	HubD 7.6M	7.6 meters	NEC	APS-12/14-F0764A
14000.0000 - 14500.0000 MHz	400KG7D	59.00 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER	
14000.0000 - 14500.0000 MHz	1M60G7D	65.00 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER	
14000.0000 - 14500.0000 MHz	6M00G7D	70.80 dBW	OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER	
14000.0000 - 14500.0000 MHz	12M0G7D	73.80 dBW	OQPSK, DATA, 1024 KSPS, MULTIMEDIA BROADCAST 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
11700.0000 - 12200.0000 MHz	800KG7D	BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: HUB-E 6.1M

LOCATION: 11717 EXPLORATION LANE, MONTGOMERY, GERMANTOWN, MD

39 ° 10 ' 46.00 " N LAT.

77 ° 14 ' 49.00 " W LONG.

ANTENNA ID: HubE 6.1M 6.1 meters VERTEX 6.1KPK

14000.0000 - 14500.0000 MHz	400KG7D	52.90 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	58.90 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	6M00G7D	67.70 dBW	OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	12M0G7D	70.70 dBW	OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	24M0G7D	79.70 dBW	OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	36M0G7D	97.70 dBW	OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		OQPSK, DATA, 128 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		OQPSK, DATA, 256 KSPS, RETURN 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

11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
SITE ID: HUB-F 5.6M			
LOCATION: 11717 EXPLORATION LANE, MONTGOMERY, GERMANTOWN, MD			
39 ° 10 ' 46.00 " N LAT.		77 ° 14 ' 54.00 " W LONG.	
ANTENNA ID: HubF 5.6M	5.6 meters	ANDREW	ES56-1
14000.0000 - 14500.0000 MHz	400KG7D	52.90 dBW	BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	58.90 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	6M00G7D	67.70 dBW	OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	12M0G7D	70.70 dBW	OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	24M0G7D	77.70 dBW	OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	36M0G7D	77.70 dBW	OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		OQPSK, DATA, 128 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		OQPSK, DATA, 256 KSPS, RETURN 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
11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 522 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: HUB-G 4.6M
 LOCATION: 10450 PACIFIC CENTER COURT, SAN DIEGO, SAN DIEGO, CA
 32 ° 54 ' 31.00 " N LAT. 117 ° 11 ' 26.00 " W LONG.

ANTENNA ID:	HubG 4.6M	4.6 meters	VERTEX	4.57KPK
	14000.0000 - 14500.0000 MHz		400KG7D	57.50 dBW
				BPSK, DATA, 256 KSPS, OUTROUTE CARRIER
	14000.0000 - 14500.0000 MHz		1M60G7D	57.50 dBW
				BPSK, DATA, 1024 KSPS, OUTROUTE 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
	11700.0000 - 12200.0000 MHz		800KG7D	
				BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
	11700.0000 - 12200.0000 MHz		1M60G7D	
				OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER

SITE ID: MESH 3.5M
 LOCATION: 11717 EXPLORATION LANE (5,000 3.5M UNITS), CONUS, AK, HI, VI, P

ANTENNA ID:	MESH 3.5M	3.5 meters	COMTECH	846400G1
	14000.0000 - 14500.0000 MHz		2M46G7D	66.20 dBW
				BPSK OR OQPSK, DATA, MESH CARRIER
	11700.0000 - 12200.0000 MHz		2M46G7D	
				BPSK OR OQPSK, DATA, MESH CARRIER

SITE ID: MESH 1.8M
 LOCATION: CONUS, AK, HI, PR, VI (5,000 1.8M UNITS)

ANTENNA ID:	MESH 1.8M	1.8 meters	HUGHES NETWORK SYSTEMS	PES-RFT-180
	14000.0000 - 14500.0000 MHz		156KG7D	48.60 dBW
				BPSK OR OQPSK, DATA, MESH CARRIER
	11700.0000 - 12200.0000 MHz		156KG7D	
				BPSK OR OQPSK, DATA, MESH CARRIER

SITE ID: MESH 2.4M
 LOCATION: CONUS, AK, HI, PR, VI (5,000 2.4M UNITS)

ANTENNA ID:	MESH 2.4M	2.4 meters	HUGHES NETWORK SYSTEMS	PES-RFT-240
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14000.0000 - 14500.0000 MHz	307KG7D	53.70 dBW	BPSK OR OQPSK, DATA, MESH CARRIER
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11700.0000 - 12200.0000 MHz	307KG7D		BPSK OR OQPSK, DATA, MESH CARRIER
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SITE ID: MESH 1.2M
LOCATION: CONUS, AK, HI, PR, VI (5,000 1.2M UNITS)

ANTENNA ID: MESH 1.2M 1.2 meters HUGHES NETWORK SYTEMS PES-RFT-120

14000.0000 - 14500.0000 MHz	156KG7D	45.00 dBW	BPSK OR OQPSK, DATA, MESH CARRIER
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11700.0000 - 12200.0000 MHz	156KG7D		BPSK OR OQPSK, DATA, MESH CARRIER
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SITE ID: TR 74-2 CM
LOCATION: CONUS, AK, HI, VI, PR 50,000 (.74 METER ANTENNAS)

ANTENNA ID: TR 74-2 0.74 meters RAVEN; PRODELIN HNS-1035610

14000.0000 - 14500.0000 MHz	200KG7D	41.70 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
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14000.0000 - 14500.0000 MHz	400KG7D	41.70 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
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14000.0000 - 14500.0000 MHz	800KG7D	41.70 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
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14000.0000 - 14500.0000 MHz	1M60G7D	41.70 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
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11700.0000 - 12200.0000 MHz	6M00G7D		OQPSK, DATA, 5 MSPS, MULTIMEDIA
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11700.0000 - 12200.0000 MHz	12M0G7D		OQPSK, DATA, 10 MSPS, MULTIMEDIA
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11700.0000 - 12200.0000 MHz	24M0G7D		OQPSK, DATA, 20 MSPS, MULTIMEDIA
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11700.0000 - 12200.0000 MHz	36M0G7D		OQPSK, DATA, 30 MSPS, MULTIMEDIA
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SITE ID: TFTR 74-2CM
LOCATION: CONUS, AK, HI, VI, PR 50,000 (.74 METER ANTENNAS)

ANTENNA ID: TFTR 74-2C 0.74 meters RAVEN; PRODELIN HNS-1035610

14000.0000 - 14500.0000 MHz	200KG7D	41.70 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	41.70 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	41.70 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	41.70 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		OQPSK, DATA, 5 MSPS, MULTIMEDIA
11700.0000 - 12200.0000 MHz	12M0G7D		OQPSK, DATA, 10 MSPS, MULTIMEDIA
11700.0000 - 12200.0000 MHz	24M0G7D		OQPSK, DATA, 20 MSPS, MULTIMEDIA
11700.0000 - 12200.0000 MHz	36M0G7D		OQPSK, DATA, 30 MSPS, MULTIMEDIA

SITE ID: TR 98CM

LOCATION: CONUS, AK, HI, VI, PR 60,000 (.98 METER ANTENNAS)

Points of Communication:

R1.2M - SATMEX-5 - (116.8 W.L.)

TF TR 1.2M - ALSAT - (ALSAT)

TF TR 1.2M - SATMEX-5 - (116.8 W.L.)

TFTR 74-2CM - SATMEX 6 - (113 W.L.)

TR 74-2 CM - SATMEX 6 - (113 W.L.)

TR 74CM - AMC-3 - (87 W.L.)

TR 74CM - AMC-6 - (72 W.L.)

TR 74CM - GALAXY 10R - (123 W.L.)

TR 74CM - GALAXY 4R - (99 W.L.)

TR 74CM - GALAXY III-C - (95 W.L.)

TR 74CM - GALAXY XI - (91 W.L.)

TR 74CM - HORIZONS 1 - (127 DEG WL)

TR 74CM - IA-8 - (89 W.L.)

TR 74CM - INTELSAT AMERICAS 5 - (97 W.L.)

TR 74CM - SATMEX-5 - (116.8 W.L.)

SES-MOD-20060720-01220 E E920222 WTVD TELEVISION, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

"MOD" to add new emission designator and related service.

SITE ID: 1

LOCATION: 411 LIBERTY STREET, DURHAM, DURHAM, NC

35 ° 59 ' 39.00 " N LAT.

78 ° 53 ' 44.00 " W LONG.

ANTENNA ID: 1 7.3 meters ANDREW CP73LHS-HR

14000.0000 - 14500.0000 MHz 36M0F3F 71.30 dBW

11700.0000 - 12200.0000 MHz 36M0F3F

14000.0000 - 14500.0000 MHz 36M0G7W 71.30 dBW

DIGITAL VIDEO, PROGRAM
AUDIO, VOICE, DATA AND
OTHER ASSOCAITED SIGNALS

11700.0000 - 12200.0000 MHz 36M0G7W

DIGITAL VIDEO, PROGRAM
AUDIO, VOICE, DATA AND
OTHER ASSOCAITED SIGNALS

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MOD-20060724-01246 E E060147 NEXTEL COMMUNICATIONS OF THE MID-ATLANTIC INC

Application for Modification

Class of Station: VSAT Network

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

"MOD" to add a second hub antenna at the Livermore site and add 25 new remote antennas to the ku-band existing earth station license network.

SITE ID: HUB1

LOCATION: 8851 MANNING ROAD (4.9M. HUB), CONTRA COSTA, LIVERMORE, CA

37 ° 45 ' 39.70 " N LAT.

121 ° 47 ' 56.80 " W LONG.

ANTENNA ID: HUB1 4.9 meters ANDREW CORPORATION ESA49

14000.0000 - 14500.0000 MHz	10K3G7W -	45.10 dBW	DIGITAL VOICE, FAX, AND DATA
14000.0000 - 14500.0000 MHz	54M0G7W	74.00 dBW	DIGITAL VOICE, FAX, AND DATA
11700.0000 - 12200.0000 MHz	10K3G7W -		DIGITAL VOICE, FAX, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL VOICE, FAX, AND DATA

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

ANTENNA ID: REMOTE1	1.8 meters	AVL TECHNOLOGIES	1.8M. SNG
14000.0000 - 14500.0000 MHz	1M34G7W-	57.90 dBW	DIGITAL VOICE, FAX, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL VOICE, FAX, AND DATA

SITE ID: REMOTE 2
LOCATION: 1.8M. VSAT (25 UNITS), CONUS, AK HI PR VI

ANTENNA ID: REMOTE2	1.8 meters	VERTEX/RSI	1.8M SMK
14000.0000 - 14500.0000 MHz	1M34G7W-	57.10 dBW	DIGITAL VOICE, FAX, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL VOICE, FAX, AND DATA

Points of Communication:

HUB1 - ALSAT - (ALSAT)
REMOTE 1 - ALSAT - (ALSAT)
REMOTE 2 - ALSAT - (ALSAT)

SES-MOD-20060724-01247 E E040169 NEXTEL COMMUNICATIONS OF THE MID-ATLANTIC INC
Application for Modification
Class of Station: VSAT Network

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

"MOD" to add three fixed hub antennas and five transportable remote earth stations terminal to it's existing ku-band license.

SITE ID: HUB1
LOCATION: 1768 OLD MEADOW ROAD (2.4 M. HUB), FAIRFAX, MCLEAN, VA
38 ° 55 ' 7.00 " N LAT. 77 ° 12 ' 49.00 " W LONG.

ANTENNA ID: HUB1	2.4 meters	PRODELIN CORPORATION	1244
14000.0000 - 14500.0000 MHz	1M34G7W	60.40 dBW	DIGITAL VOICE, FAX, AND DATA

11700.0000 - 12200.0000 MHz 1M34G7W DIGITAL VOICE, FAX, AND DATA

SITE ID: REMOTE1
LOCATION: (1.8M. VSAT), 5 UNITS, CONUS US HI PR VI AK

ANTENNA ID: REMOTE1 1.8 meters AVL TECHNOLOGIES 1.8M. SNG

14000.0000 - 14500.0000 MHz 1M34G7W 57.90 dBW DIGITAL VOICE, FAX, AND DATA

11700.0000 - 12200.0000 MHz 1M34G7W DIGITAL VOICE, FAX, AND DATA

SITE ID: HUB2
LOCATION: 254 S. HIGHWAY 23 (4.9 M. HUB), SUSSEX, FRANKLIN, NJ
41 ° 7 ' 4.30 " N LAT. 74 ° 34 ' 31.60 " W LONG.

ANTENNA ID: HUB2 4.9 meters ANDREW CORPORATION ESA49

14000.0000 - 14500.0000 MHz 10K3G7W- 45.10 dBW DIGITAL VOICE, FAX, AND DATA

14000.0000 - 14500.0000 MHz 54M0G7W 74.00 dBW DIGITAL VOICE, FAX, AND DATA

11700.0000 - 12200.0000 MHz 10K3G7W- DIGITAL VOICE, FAX, AND DATA

11700.0000 - 12200.0000 MHz 54M0G7W DIGITAL VOICE, FAX, AND DATA

SITE ID: HUB3
LOCATION: 8851 MANNING ROAD (4.9 M. HUB), CONTRA COSTA, LIVERMORE, CA
37 ° 45 ' 39.70 " N LAT. 121 ° 47 ' 56.80 " W LONG.

ANTENNA ID: HUB3 4.9 meters ANDREW CORPORATION ESA49

14000.0000 - 14500.0000 MHz 10K3G7W- 45.10 dBW DIGITAL VOICE, FAX, AND DATA

14000.0000 - 14500.0000 MHz 54M0G7W 74.00 dBW DIGITAL VOICE, FAX, AND DATA

11700.0000 - 12200.0000 MHz 10K3G7W- DIGITAL VOICE, FAX, AND DATA

11700.0000 - 12200.0000 MHz 54M0G7W DIGITAL VOICE, FAX, AND DATA

SITE ID: REMOTE2
LOCATION: (1.8M. VSAT), 25 UNITS, CONUS US HI PR VI AK

ANTENNA ID: REMOTE2 1.8 meters VERTEX/RSI 1.8M SMK

14000.0000 - 14500.0000 MHz 1M34G7W 57.10 dBW DIGITAL VOICE, FAX, AND DATA

11700.0000 - 12200.0000 MHz 1M34G7W DIGITAL VOICE, FAX, AND DATA

Points of Communication:

HUB1 - ALSAT - (ALSAT)

HUB2 - ALSAT - (ALSAT)

HUB3 - ALSAT - (ALSAT)

REMOTE1 - ALSAT - (ALSAT)

REMOTE2 - ALSAT - (ALSAT)

SES-MOD-20060724-01248 E E060148 NEXTEL COMMUNICATIONS OF THE MID-ATLANTIC INC

Application for Modification

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

"MOD" to add antenna.

SITE ID: FRANKLIN

LOCATION: 254 S. Highway 23, Sussex, Franklin, NJ

41 ° 7 ' 4.30 " N LAT.

74 ° 34 ' 31.60 " W LONG.

ANTENNA ID: Hub	4.9 meters	Andrew Corporation	ESA49
14000.0000 - 14500.0000 MHz	54M0G7W	74.00 dBW	Digital Voice, Fax, and Data
14000.0000 - 14500.0000 MHz	10K3G7W -	45.10 dBW	Digital Voice, Fax, and Data
11700.0000 - 12200.0000 MHz	54M0G7W		Digital Voice, Fax, and Data
11700.0000 - 12200.0000 MHz	10K3G7W -		Digital Voice, Fax and Data

SITE ID: REMOTE 1

LOCATION: Locations Throughout Conus, Alaska, Hawaii, Puerto Rico, and Virgin Islands

ANTENNA ID: Remote 1	1.8 meters	AvL Technologies	1.8M SNG
14000.0000 - 14500.0000 MHz	1M34G7W	57.90 dBW	Digital Voice, Fax, and Data
11700.0000 - 12200.0000 MHz	1M34G7W		Digital Voice, Fax, and Data

SITE ID: REMOTE 2

LOCATION: Locations Throughout Conus, Alaska, Hawaii, Puerto Rico, and Virgin Islands

ANTENNA ID: Remote 2	1.8 meters	VERTEX/RSI	1.8M SMK
14000.0000 - 14500.0000 MHz	1M34G7W	57.10 dBW	Digital Voice, Fax, and Data
11700.0000 - 11700.0000 MHz	1M34G7W		Digital Voice, Fax, and Data

Points of Communication:

FRANKLIN - ALSAT - (ALSAT)

REMOTE 1 - ALSAT - (ALSAT)

REMOTE 2 - ALSAT - (ALSAT)

SES-REG-20060725-01260 E E060279 Detroit Public School district
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 9345 LAWTON (WRCJ) DETROIT PUBLIC SCHOOLS BOARD OF EDUCATIO, WAYNE, DETROIT, MI
42 ° 22 ' 26.40 " N LAT. 83 ° 6 ' 49.20 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH ANTENNA SYSTEMS 3.8METER PF

3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL AUDIO CARRIER

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20060725-01261 E E060280 Community Radio of Northern Colorado
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 822 7TH STREET (KUNC) SUITE 530, WELD, GREELEY, CO
40 ° 25 ' 31.20 " N LAT. 104 ° 41 ' 31.40 " W LONG.

ANTENNA ID: 1 3.7 meters PRODELIN CORP. 136-750

3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL AUDIO CARRIER

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20060727-01267 E E060281 Board of Education of The City of Albuquerque
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 2020 COAL SE (KANW), BERNALILLO, ALBUQUERQUE, NM
35 ° 4 ' 29.00 " N LAT. 106 ° 37 ' 25.00 " W LONG.

ANTENNA ID: 1	3.8 meters	COMTECH ANTENNA SYSTEMS	3.8METER PF
3700.0000 - 4200.0000 MHz	10M3G7W		DIGITAL AUDIO CARRIER
3700.0000 - 4200.0000 MHz	30K0F1D		DIGITAL AUDIO CARRIER

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20060731-01292 E E060293 Antioch University
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 795 LIVERMORE STREET (WYSO), GREENE, YELLOW SPRINGS, OH
39 ° 47 ' 58.30 " N LAT. 83 ° 53 ' 25.10 " W LONG.

ANTENNA ID: 1	3.7 meters	PRODELIN CORPORATION	136-750
3700.0000 - 4200.0000 MHz	30K0F1D		DIGITAL AUDIO CARRIER
3700.0000 - 4200.0000 MHz	10M3G7W		DIGITAL AUDIO CARRIER

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20060731-01293 E E060294 Centenary College
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 2911 CENTENARY BLVD (KSCL) HAMILTON HALL, CADDO, WEST LAFAYETTE, LA
32 ° 28 ' 59.90 " N LAT. 93 ° 43 ' 54.90 " W LONG.

ANTENNA ID: 1	3.8 meters	COMTECH ANTENNA SYSTEMS	3.8METER PF
3700.0000 - 4200.0000 MHz	30K0F1D		DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz

10M3G7W

DIGITAL AUDIO CARRIER

Points of Communication:

1 - ALSAT - (ALSAT)

SES-T/C-20060727-01275 E E060016 KAKW License Partnership, L.P.

Application for Consent to Transfer of Control

Current Licensee: KAKW License Partnership, L.P.

FROM: SHAREHOLDERS OF UNIVISION COMMUNICATIONS, INC.

TO: Broadcasting Media Partners Inc.

No. of Station(s) listed: 1

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