



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-00578

Wednesday February 18, 2004

SATELLITE COMMUNICATIONS SERVICES

RE: SATELLITE RADIO APPLICATIONS ACCEPTED FOR FILING

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

SES-LIC-20040210-00207 E E040078 Meredith Corporation - WNEM

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 107 N. Franklin Street, Saginaw, Saginaw, MI

43 ° 26 ' 0.00 " N LAT.

83 ° 56 ' 17.00 " W LONG.

ANTENNA ID: 1 1.2 meters AVL TECHNOLOGY 1200

14000.0000 - 14500.0000 MHz 36M0G7W 64.50 dBW

One 36Mbit digital carrier for voice/data with an emission designator of 36M0G7W

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MOD-20031126-01728 E E020074 Richtec Incorporated

Application for Modification

Class of Station: Mobile Earth Station

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

Licensee Richtec Incorporated (Richtec) files this modification application to modify its D+ mobile earth terminals (METs) to facilitate average shutdown times of 1.35 seconds, and a maximum shutdown time of 2.6 seconds. As a result of this reduced shutdown capability, Richtec respectfully requests modification of its authorization to (1) increase the term of authorization to a 15 year authorization; (2) increase the number of authorized D+ METs to 25,000; and (3) eliminate the channel limitations on its authorization; and (4) to add new antenna type Satamatics 101 which is electrically equivalent to JRC (JUE-610DT) and Skywave (DMR-200).

SITE ID: 1

LOCATION: 25,000 INMARSAT D+ half duplex METs throughout in U.S.

ANTENNA ID: 1	0.11 meters	JRC (Size of MET: 121mm x 121mm x 41mm)	JUE-610 DT
1626.5000 - 1645.5000 MHz	2K50F1D	9.00 dBW	Modulation: 2 level FSK, 256Hz tone spacing, symbol rates of 4, 16, 23, 64, or 128 symbols/sec
1525.0000 - 1544.0000 MHz	2K50F1D		Modulation: Continuous phase 32-ary FSK, 20Hz tone spacing, symbol rate: 4 symbols/sec
ANTENNA ID: 2	0.11 meters	SKYWAVE	DMR-200
1626.5000 - 1645.5000 MHz	2K50F1D	9.00 dBW	Modulation: 2 level FSK, 256Hz tone spacing, symbol rates of 4, 16, 23, 64, or 128 symbols/sec
1525.0000 - 1544.0000 MHz	2K50F1D		Modulation: Continuous phase 32-ary FSK, 20Hz tone spacing, symbol rate: 4 symbols/sec
ANTENNA ID: 3	0.11 meters	SATAMATICS 101	SAT-101
1626.5000 - 1645.5000 MHz	2K50F1D	9.00 dBW	Modulation: 2 level FSK, 256Hz tone spacing, symbol rates of 4, 16, 23, 64, or 128 symbols/sec
1525.0000 - 1544.0000 MHz	2K50F1D		Modulation: 2 level FSK, 256Hz tone spacing, symbol rates of 4, 16, 23, 64, or 128 symbols/sec

Points of Communication:

1 - INMARSAT AOR-W -

1 - INMARSAT POR -

1 - INMARSAT-2 AOR-WEST - (98 W.L.)

SES-MOD-20040204-00178 E E000166 Hughes Network Systems, Inc.

Application for Modification

Class of Station: VSAT Network

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

Modification filed to consolidate Hughes Network Systems, Inc., VSAT licensee E000166 located in Germantown, Maryland headquarters. HNS requests authority to add remote terminals to VSAT license E000166 in order to consolidate the license for this VSAT hub with the licenses for the other hubs and remote terminals associated with the operation of HNS's Germantown, Maryland, facilities. Allowing HNS to consolidate these licenses will promote increased flexibility in HNS's system capabilities, which would result in greater system efficiency and improved service to customers. In connection with this request, HNS requests authority to add the antennas these antennas have already been authorized. This modification will also updates the technical specifications in the original licenses.

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	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
	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
	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	30M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, 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
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER

SITE ID: Tx & Rx- 0.74M
LOCATION: VSAT 0.74M (98 x 56 cm) (350,000 UNITS), & VI, CONUS, AK, HI, PR

ANTENNA ID: TR74	0.74 meters	PRODELIN	HANT-91TR
14000.0000 - 14500.0000 MHz	200KG7D	39.00 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	39.00 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D	0.00 dBW	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER

SITE ID: Rx-only- 0.74M
LOCATION: VSAT 0.74M (98 x 56 cm) (1,000,000 UNITS), & VI, CONUS, AK, HI, PR

ANTENNA ID: RO74	0.74 meters	PRODELIN	HANT-91R
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

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

ANTENNA ID:	TR 1.2	1.2 meters	PRODELIN CORP.	1134
14000.0000 - 14500.0000 MHz	200KG7D	46.10 dBW	QPSK, DIGITAL, 128 KSPS, RETURN CARRIER	
14000.0000 - 14500.0000 MHz	400KG7D	46.10 dBW	QPSK, 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	
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	
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		QPSK, DATA, 10 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	200KG7D	49.70 dBW	QPSK, DIGITAL, 128 KSPS, RETURN CARRIER	
14000.0000 - 14500.0000 MHz	400KG7D	49.70 dBW	QPSK, 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	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST 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

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	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	36M0G7D	78.00 dBW	QPSK, 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

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

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 CARREIR
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	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST 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 - 11200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER

SITE ID: TR 98CM
LOCATION: VSAT 0.98M (60,000 UNITS), CONUS, AK, HI, PR,VI

ANTENNA ID: TR98	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
11700.0000 - 12200.0000 MHz	24M0G7D	0.00 dBW	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST 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: 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
11700.0000 - 12200.0000 MHz	24M0G7D	0.00 dBW	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST 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	39.00 dBW	QPSK, DIGITAL, 128 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	400KG7D	39.00 dBW	QPSK, DIGITAL, 256 KSPS, RETURN CARRIER
	11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
	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
	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
	11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST 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	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
	14000.0000 - 14500.0000 MHz	36M0G7D	78.00 dBW	QPSK, 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

SITE ID: Rx-only- 0.66M

LOCATION: VSAT 0.66M (49 x 89 cm) (15,000,000 UNITS), & VI, CONUS, AK, HI, PR

ANTENNA ID: RO/0.66M 0.66 meters CHANNEL MASTER 646101

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

SITE ID: TR 2.4M

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

ANTENNA ID: TR 2.4 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	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	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER

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

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
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	6M00G7D	70.80 dBW	QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	12M0G7D	73.80 dBW	QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST 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
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	6M00G7D	70.80 dBW	QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	12M0G7D	73.80 dBW	QPSK, DATA, 1024 KSPS, MULTIMEDIA BROADCAST 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
11700.0000 - 12200.0000 MHz	200KG7D		OQPSK, DATA, 128 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		OQPSK, DATA, 256 KSPS, RETURN CARRIER
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
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	6M00G7D	67.70 dBW	QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER

14000.0000 - 14500.0000 MHz	12M0G7D	70.70 dBW	QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	24M0G7D	79.70 dBW	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	36M0G7D	97.70 dBW	QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST 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

11700.0000 - 12200.0000 MHz	200KG7D		OQPSK, DATA, 128 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		OQPSK, DATA, 256 KSPS, RETURN CARRIER
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
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
14000.0000 - 14500.0000 MHz	6M00G7D	67.70 dBW	QPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	12M0G7D	70.70 dBW	QPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	24M0G7D	77.70 dBW	QPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER

14000.0000 - 14500.0000 MHz	36M0G7D	77.70 dBW	QPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST 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
-----------------------------	---------	--	---

SITE ID: TR 75CM

LOCATION: CONUS, AK, HI, PR, VI (10,000 .75CM UNITS)

ANTENNA ID: TR .75CM 0.75 meters HUGHES NETWORK SYSTEMS 3000179

11700.0000 - 12200.0000 MHz	400KG7D		BPSK, DATA, 256, 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	200KG7D	38.80 dBW	BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
-----------------------------	---------	-----------	---

14000.0000 - 14500.0000 MHz	400KG7D	38.80 dBW	BPSK OR MSK, DATA 256 KSPS, INROUTE 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	
	11700.0000 - 12200.0000 MHz		2M46G7D	BPSK OR QPSK, DATA, MESH CARRIER	
	14000.0000 - 14500.0000 MHz		2M46G7D	66.20 dBW	BPSK OR QPSK, 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	
	11700.0000 - 12200.0000 MHz		156KG7D	BPSK OR QPSK, DATA, MESH CARRIER	
	14000.0000 - 14500.0000 MHz		156KG7D	48.60 dBW	BPSK OR QPSK, 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	
	11700.0000 - 12200.0000 MHz		307KG7D	BPSK OR QPSK, DATA, MESH CARRIER	
	14000.0000 - 14500.0000 MHz		307KG7D	53.70 dBW	BPSK OR QPSK, DATA, MESH CARRIER
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	
	11700.0000 - 12200.0000 MHz		156KG7D	BPSK OR QPSK, DATA, MESH CARRIER	
	14000.0000 - 14500.0000 MHz		156KG7D	45.00 dBW	BPSK OR QPSK, DATA, MESH CARRIER

Points of Communication:

HUB-A - ALSAT - (ALSAT)

HUB-A - SATMEX-5 - (116.8 W.L.)

HUB-B - ALSAT - (ALSAT)

HUB-B - SATMEX-5 - (116.8 W.L.)

HUB-C 7.6M - ALSAT - (ALSAT)

HUB-C 7.6M - SATMEX-5 - (116.8 W.L.)

HUB-D 7.6M - ALSAT - (ALSAT)

HUB-D 7.6M - SATMEX-5 - (116.8 W.L.)

HUB-E 6.1M - ALSAT - (ALSAT)

HUB-E 6.1M - SATMEX-5 - (116.8 W.L.)

HUB-F 5.6M - ALSAT - (ALSAT)

HUB-F 5.6M - SATMEX-5 - (116.8 W.L.)

HUB-G 4.6M - ALSAT - (ALSAT)

HUB-G 4.6M - SATMEX-5 - (116.8 W.L.)

MESH 1.2M - ALSAT - (ALSAT)

MESH 1.8M - ALSAT - (ALSAT)

MESH 2.4M - ALSAT - (ALSAT)

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

Rx-only- 0.66M - SATMEX-5 - (116.8 W.L.)

Rx-only- 0.74M - SATMEX-5 - (116.8 W.L.)

TF TR 1.2M - ALSAT - (ALSAT)

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

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

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

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

TF TR 74CM - GALAXY IX - (127 W.L.)

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

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

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

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

TF TR 98CM - GALAXY IX - (127 W.L.)

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

TR 1.0M - ALSAT - (ALSAT)

TR 1.0M - SATMEX-5 - (116.8 W.L.)

TR 1.2M - ALSAT - (ALSAT)

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

TR 1.8M - ALSAT - (ALSAT)

TR 1.8M - SATMEX-5 - (116.8 W.L.)

TR 2.4M - ALSAT - (ALSAT)

TR 2.4M - SATMEX-5 - (116.8 W.L.)

TR 75CM - ALSAT - (ALSAT)

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

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

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

TR 98CM - GALAXY IX - (127 W.L.)

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

Tx & Rx- 0.74M - AMC-3 - (87 W.L.)

Tx & Rx- 0.74M - GALAXY 4R - (99 W.L.)

Tx & Rx- 0.74M - GALAXY III-C - (95 W.L.)

Tx & Rx- 0.74M - GALAXY XI - (91 W.L.)

Tx & Rx- 0.74M - SATMEX-5 - (116.8 W.L.)

SES-MOD-20040209-00201 E E980076 New Skies Networks, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

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

Modification application filed to add additional frequencies to the earth station authorization for Call Sign E980076 and to add an authorized point of communication. Specifically, New Skies seeks to operate in the 5850-5925 MHz, 6271-6304 MHz, and 6425-6650 MHz bands, spectrum that has already been licensed for use by other earth stations co-located at the Bristow, Virginia teleport facility. In addition, New Skies requests that the Commission add NSS-7 at 22° W.L. as an authorized point of communication for the 5850-5925 MHz band only. As discussed below, grant of this modification application will serve the public interest.

SITE ID: BRISTOW

LOCATION: 8031 PINEY BRANCH LANE, PRINCE WILLIAM, BRISTOW, VA

38 ° 47 ' 1.00 " N LAT.

77 ° 34 ' 23.00 " W LONG.

ANTENNA ID: 1

9 meters

VERTEX COMM.

9KPC

6304.3000 - 6425.0000 MHz	51K2G7D-	54.10 dBW	Digital data
6304.3000 - 6425.0000 MHz	4M80G7D	73.80 dBW	Digital data
5925.0000 - 6268.0000 MHz	51K2G7D-	54.10 dBW	Digital data
5925.0000 - 6268.0000 MHz	4M80G7D	73.80 dBW	Digital data
3700.0000 - 4200.0000 MHz			Digital data
6425.0000 - 6650.0000 MHz	43K8G7D	53.70 dBW	Digital data
6425.0000 - 6650.0000 MHz	51K2G7D	54.10 dBW	Digital data
6425.0000 - 6650.0000 MHz	4M80G7D	73.80 dBW	Digital data
6271.0000 - 6304.0000 MHz	4M80G7D	73.80 dBW	Digital data
6271.0000 - 6304.0000 MHz	51K2G7D	54.10 dBW	Digital data
6271.0000 - 6304.0000 MHz	43K8G7D	53.70 dBW	Digital data
5850.0000 - 5925.0000 MHz	43K8G7D	53.70 dBW	Digital data
5850.0000 - 5925.0000 MHz	51K2G7D	54.10 dBW	Digital data
5850.0000 - 5925.0000 MHz	4M80G7D	73.80 dBW	Digital data
ANTENNA ID: 9.3M	9.3 meters	VERTEX	KPC
11701.0000 - 11701.0000 MHz	NON		CW, Tracking beaon
11452.0000 - 11452.0000 MHz	NON		CW, Tracking beaon
11198.0000 - 11198.0000 MHz	NON		CW, Tracking beaon
6301.2900 - 6425.0000 MHz	43K8G7D-	53.70 dBW	Digital data
6301.2900 - 6425.0000 MHz	4M80G7D	74.09 dBW	Digital data
6175.5500 - 6177.0500 MHz	900KF1D	83.00 dBW	FM, Telecommand Frequency 2
6172.9500 - 6174.4500 MHz	900KF1D	83.00 dBW	FM, Telecommand Frequency 1
5925.0000 - 6271.0900 MHz	43K8G7D-	53.70 dBW	Digital data
5925.0000 - 6271.0900 MHz	4M80G7D	74.09 dBW	Digital data

3952.2500 - 3952.7500 MHz	500KG7D	PM, Telemetry Beacon 2 (Beacon 2 and 2A not simultaneous)
3952.2500 - 3952.7500 MHz	500KG7D	PM, Telemetry Beacon 2 (Beacon 2 and 2A not simultaneous)
3951.7500 - 3952.2500 MHz	500KG7D	PM, Telemetry Beacon 2 (Beacon 2 and 2A not simultaneous)
3947.7500 - 3948.2500 MHz	500KG7D	PM, Telemetry Beacon 1 (Beacon 1 and 1A not simultaneous)
3947.2500 - 3947.7500 MHz	500KG7D	PM, Telemetry Beacon 1 (Beacon 1 and 1A not simultaneous)
3700.0000 - 4200.0000 MHz	43K8G7D-	Digital data
3700.0000 - 4200.0000 MHz	4M80G7D	Digital data

Points of Communication:

BRISTOW - ALSAT - (ALSAT)

BRISTOW - New Skies 806 - (319.5 E.L.)

BRISTOW - NSS-7 - (338.5 E.L.)

BRISTOW - PAS-3R - (43.0 W.L.)

SES-MOD-20040209-00202 E E000152 New Skies Networks, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

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

Modification filed to add 6425-6491 MHz C-band frequency, and to change the authorized point of communication N.V.K at 338.5 E.L.(21.5 W.L.) to NSS-7 at 22 W.L..

SITE ID: BRISTOW

LOCATION: 8031 PINEY BRANCH LANE, PRINCE WILLIAM, BRISTOW, VA

38 ° 47 ' 1.60 " N LAT.

77 ° 34 ' 24.30 " W LONG.

ANTENNA ID: 9M	9 meters	Vertex	KPC
11701.0000 - 11701.0000 MHz	NON		CW, Tracking Beacon
11452.0000 - 11452.0000 MHz	NON		CW, Tracking Beacon
11198.0000 - 11198.0000 MHz	NON		CW, Tracking Beacon

6491.0000 - 6650.0000 MHz	20M0G7W-	66.20 dBW	Digital voice, data tracking & telecommand via New Skies satellites only
6491.0000 - 6650.0000 MHz	36M0G7W	68.75 dBW	Digital voice, video, data tracking & telecommand via New Skies satellites only
6175.5500 - 6177.0500 MHz	900KF1D	83.00 dBW	FM, Telecommand Frequency 2
6172.9500 - 6174.4500 MHz	900KF1D	83.00 dBW	FM, Telecommand Frequency 1
5925.0000 - 6425.0000 MHz	20M0G7W-	66.20 dBW	Digital voice, video, data tracking & telecommand
5925.0000 - 6425.0000 MHz	36M0G7W	68.75 dBW	Digital voice, video, data tracking & telecommand
5850.0000 - 5925.0000 MHz	20M0G7W-	66.20 dBW	Digital voice, video, data tracking & telecommand
5850.0000 - 5925.0000 MHz	36M0G7W	68.75 dBW	Digital voice, video, data tracking & telecommand
3952.2500 - 3952.7500 MHz	500KG7D		PM, Telemetry Beacpm 2(Beacon 2 and 2A not simultaneous)
3951.7500 - 3952.2500 MHz	500KG7D		PM, Telemetry Beacpm 2(Beacon 2 and 2A not simultaneous)
3950.0000 - 3950.0000 MHz	NON		CW, Tracking Beacon
3947.7500 - 3948.2500 MHz	500KG7D		PM, Telemetry Beacon 1A (Beacon 1 and 1A not Simultaneous)
3947.2500 - 3947.7500 MHz	500KG7D		PM, Telemetry Beacon 1A (Beacon 1 and 1A not Simultaneous)
3700.0000 - 4200.0000 MHz	20M0G7W-		Digital voice, video, data tracking & telecommand
3700.0000 - 4200.0000 MHz	36M0G7W		Digital voice, video, data tracking & telecommand
3625.0000 - 3700.0000 MHz	20M0G7W-		Digital voice, video, data tracking & telecommand
3625.0000 - 3700.0000 MHz	36M0G7W		Digital voice, video, data tracking & telecommand
6425.0000 - 6491.0000 MHz	36M0G7W	68.75 dBW	Digital voice, video, data tracking & telecommand

6425.0000 - 6491.0000 MHz	20M0G7W	66.20 dBW	Digital voice, video, data tracking & telecommand
---------------------------	---------	-----------	---

Points of Communication:

BRISTOW - ALSAT - (ALSAT)
BRISTOW - New Skies 806 - (319.5 E.L.)
BRISTOW - New Skies K - (338.5 E.L.)
BRISTOW - NSS-7 - (338.5 E.L.)
BRISTOW - NSS-8 - (105 W.L.)

SES-REG-20040205-00184 E E040071 BOARD OF CONTROL, NORTHERN MICHIGAN UNIVERSITY

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1401 PRESQUE ISLE AVE. (WNMU-MARQUETTE), MARQUETTE, MARQUETTE, MI
46 ° 33 ' 36.30 " N LAT. 87 ° 24 ' 25.00 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH ANTENNA SYSTEMS 3.8 METER 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-20040206-00194 E E040075 UNIVERSITY OF MASSACHUSETTS - AMHERST

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: STATION WFCR, HAMPSHIRE HOUSE (WFCR-FM), HAMPSHIRE, AMHERST, MA
42 ° 23 ' 8.00 " N LAT. 72 ° 31 ' 52.00 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters PRODELIN CORPORATION 136-750

3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL BROADCAST AUDIO CARRIER

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20040211-00210 E E040079 BROOKDALE COMMUNITY COLLEGE

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 765 NEWMAN SPRINGS ROAD (WBJB-FM), MONMOUTH, LINCROFT, NJ

40 ° 19 ' 26.10 " N LAT.

74 ° 7 ' 50.80 " W LONG.

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

3700.0000 - 4200.0000 MHz 10M3G7W 0.00 dBW DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz 30K0F1D 0.00 dBW DIGITAL BROADCAST AUDIO CARRIER

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20040212-00214 E E040080 METROPOLITAN INDIANAPOLIS PUBLIC BROADCASTING, INC.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 1433 NORTH MERIDAN STREET (WFYI), MARION, INDIANAPOLIS, IN

39 ° 47 ' 10.10 " N LAT.

86 ° 9 ' 23.90 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH 3.8 METER

3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL BROADCAST AUDIO CARRIER

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20040205-00186 E E930432 National Digital Television Center, Inc.

Renewal

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

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

ANTENNA ID: 1	9.15 meters	SCIENTIFIC ATLANTA	8009A-1
5925.0000 - 6425.0000 MHz	36M0F1W	86.10 dBW	
5925.0000 - 6425.0000 MHz	36M0F2W	86.10 dBW	
5925.0000 - 6425.0000 MHz	36M0F3W	86.10 dBW	
5925.0000 - 6425.0000 MHz	36M0F7W	86.10 dBW	
5925.0000 - 6425.0000 MHz	36M0F8W	86.10 dBW	
5925.0000 - 6425.0000 MHz	36M0F9W	86.10 dBW	
5925.0000 - 6425.0000 MHz	36M0FXW	86.10 dBW	
5925.0000 - 6425.0000 MHz	36M0G1W	86.10 dBW	
5925.0000 - 6425.0000 MHz	36M0G2W	86.10 dBW	
5925.0000 - 6425.0000 MHz	36M0G3W	86.10 dBW	
5925.0000 - 6425.0000 MHz	36M0G7W	86.10 dBW	
5925.0000 - 6425.0000 MHz	36M0G8W	86.10 dBW	
5925.0000 - 6425.0000 MHz	36M0G9W	86.10 dBW	
5925.0000 - 6425.0000 MHz	36M0GXW	86.10 dBW	

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.