



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET S.W.
WASHINGTON D.C. 20554

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Report No. SES-01121

Wednesday March 18, 2009

SATELLITE COMMUNICATIONS SERVICES

RE: SATELLITE RADIO APPLICATIONS ACCEPTED FOR FILING

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

SES-AFS-20090130-00107 E E080058 EchoStar Corporation

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Other

Amendment application filed to add EchoStar 1 satellite at the 77 W.L. orbital location to operate as a Mexican-Licensed Satellite, as a new point of communication. EchoStar, also seek a waiver of Section 25.202(g) to allow use of the conventional C-band frequencies for TT&C operation. (5926-5927 MHz and 6423-6424 MHz for command, and 4198.4-4198.6 MHz and 4199.4-4199.6 MHz for telemetry and tracking)

See mod application File No. SES-MFS-20080724-00982.

SITE ID: Gilbert

LOCATION: 801 N. Dish Drive, Maricopa, Gilbert, AZ

33 ° 21 ' 55.60 " N LAT.

111 ° 48 ' 49.10 " W LONG.

ANTENNA ID:	GD9	9 meters	Vertex	9m
	17790.0000 - 17800.0000 MHz		800KG2D	78.10 dBW Telecommand
	17310.0000 - 17790.0000 MHz		24M0G7W	86.50 dBW Digital Data and Compressed Video
	17300.0000 - 17310.0000 MHz		1M50F3D	80.84 dBW Ranging Tones
	12690.0000 - 12700.0000 MHz		1M50F3D	0.00 dBW Spacecraft Ranging Tones
	12690.0000 - 12700.0000 MHz		1M50F2D	0.00 dBW Telemetry

12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Spacecraft Ranging Tones
12200.0000 - 12210.0000 MHz	1M50F2D	0.00 dBW	Telemetry
17790.0000 - 17800.0000 MHz	1M50F3D	80.84 dBW	Ranging Tones
17300.0000 - 17310.0000 MHz	800KG2D	78.10 dBW	Telecommand
12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW	Digital Data and Compressed Video
ANTENNA ID: GD10	9 meters	Vertex	9m
17310.0000 - 17790.0000 MHz	24M0G7W	86.50 dBW	Digital Data and Compressed Video
17300.0000 - 17310.0000 MHz	1M50F3D	80.84 dBW	Ranging Tones
17300.0000 - 17310.0000 MHz	800KG2D	78.10 dBW	Telecommand
12690.0000 - 12700.0000 MHz	1M50F2D	0.00 dBW	Telemetry
12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW	Digital Data and Compressed Video
12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Spacecraft Ranging Tones
12200.0000 - 12210.0000 MHz	1M50F2D	0.00 dBW	Telemetry
17790.0000 - 17800.0000 MHz	1M50F3D	80.84 dBW	Ranging Tones
17790.0000 - 17800.0000 MHz	800KG2D	78.10 dBW	Telecommand
12690.0000 - 12700.0000 MHz	1M50F3D	0.00 dBW	Spacecraft Ranging Tones

Points of Communication:

- Gilbert - EHOSTAR 1 - (77 W.L.)
- Gilbert - EHOSTAR 2 - (148 W.L.)
- Gilbert - EHOSTAR 3 - (61.5 W.L.)
- Gilbert - EHOSTAR 4 - (77 W.L.)
- Gilbert - EHOSTAR 5 - (129 W.L.)
- Gilbert - EHOSTAR 6 - (110 W.L.)
- Gilbert - EHOSTAR 6 - (72.7 W.L.)
- Gilbert - EHOSTAR 7 - (119 W.L.)
- Gilbert - EHOSTAR 8 - (110 W.L.)
- Gilbert - EHOSTAR 8 - (77 W.L.)

Gilbert - EHOSTAR I - (148.0 W.L.)

Gilbert - RAINBOW1 - (61.5 W.L.)

SES-AMD-20090316-00315 E E090038 PetroCom License Corporation

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

"AMD" to application SES-LIC-20090311-00290 to correct site info. (street and city) and to correct Exhibit D, Non-Compliant Antenna Spectral Density Showing.

SITE ID: 1

LOCATION: HIGH ISLAND 264, HIGH ISLAND 264, LA
28 ° 28 ' 14.00 " N LAT. 93 ° 44 ' 22.00 " W LONG.

ANTENNA ID: 1	2.4 meters	Prodelin	1251
5925.0000 - 6425.0000 MHz		640KG7W	41.45 dBW
			Digital
5925.0000 - 6425.0000 MHz		2M56G7W	47.45 dBW
			Digital
3700.0000 - 4200.0000 MHz		640KG7W	0.00 dBW
			Digital
3700.0000 - 4200.0000 MHz		2M56G7W	0.00 dBW
			Digital

Points of Communication:

1 - ALSAT - (ALSAT)

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

SES-ASG-20081118-01497 E E010107 dbs Advertising & Productions

Application for Consent to Assignment

Current Licensee: dbs Advertising & Productions

FROM: DBS ADVERTISING & PRODUCTIONS

TO: All Mobile Video Inc

No. of Station(s) listed: 1

SES-LFS-20090130-00106 E E090020 EchoStar Satellite Operating L.L.C.

License to communicate with a Foreign Satellite

Class of Station: Blanket Earth Stations

Nature of Service: Direct Broadcast Satellite Service

This application requests a blanket license for 1,000,000 receive-only earth stations to receive DBS service from the EchoStar 1 satellite operating at 77 W.L. under Mexican authority.

SITE ID: Multiple

LOCATION: CONUS 1,000,000 (.55M antennas)

ANTENNA ID: N/A	0.55 meters	Various - all using the following specs.	Various
12200.0000 - 12700.0000 MHz		24M0G7W	0.00 dBW
			DBS

12200.0000 - 12700.0000 MHz	24M0G7W	0.00 dBW	DBS
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Points of Communication:

Multiple - ECHOSTAR 1 - (77 W.L.)

SES-LIC-20090211-00164 E E090027 COMTECH MOBILE DATACOM CORP.

Application for Authority

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

Comtech Mobile Datacom Corporation (CMDC) requests a waiver of footnotes US308 and US315 to the U.S. Table of Frequency Allocations and Section 25.136(d) of the Commission's rules.

SITE ID: ISAT -- ROUS

LOCATION: 20430 Century Boulevard, Montgomery, Germantown, MD

ANTENNA ID: 1-2020/INT	0.15 meters	SCI Systems	MT-2010 internal
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	200KG7W	10.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	200KG7W	10.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID: 2-2010/EXT	0.15 meters	Sensor Systems	S65-8582-101
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1631.5000 - 1645.5000 MHz	200KG7W	12.10 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1646.5000 - 1660.5000 MHz	200KG7W	12.10 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
ANTENNA ID: 2-2011/EXT	0.15 meters	Sensor Systems	S65-8582-101
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1631.5000 - 1645.5000 MHz	200KG7W	12.10 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical

	1646.5000 - 1660.5000 MHz	200KG7W	12.10 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
ANTENNA ID:	3-2010/EXT	0.06 meters	SCI Systems	MT 2010-external
	1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	200KG7W	11.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz	200KG7W	11.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID:	4-2010/INT	0.15 meters	SCI Systems	MT2010 rl internal
	1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	200KG7W	12.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz	200KG7W	12.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID:	5-203/EXT	0.27 meters	Sensor Systems	S65-8282-301
	1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1631.5000 - 1645.5000 MHz	200KG7W	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1646.5000 - 1660.5000 MHz	200KG7W	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
ANTENNA ID:	5-2011/EXT	0.27 meters	Sensor Systems	S65-8282-301
	1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1631.5000 - 1645.5000 MHz	200KG7W	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical

	1646.5000 - 1660.5000 MHz	200KG7W	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
ANTENNA ID:	5-2012/EXT	0.27 meters	Sensor Systems	S65-8282-301
	1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1631.5000 - 1645.5000 MHz	200KG7W	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1646.5000 - 1660.5000 MHz	200KG7W	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
ANTENNA ID:	6-2011/INT	0.18 meters	PCTel	3481IZ-3
	1530.0000 - 1544.0000 MHz	200Kg7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	200Kg7W	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz	200KG7W	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID:	6-2012/INT	0.18 meters	PCTel	3481IZ-3
	1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	200KG7W	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz	200KG7W	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID:	6-203/INT	0.18 meters	PCTel	3481IZ-3
	1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	200KG7W	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile

	1646.5000 - 1660.5000 MHz	200KG7W	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID:	7-2011/INT	0.18 meters	PCTel	3491IZ-3
	1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	200KG7W	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz	200KG7W	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID:	7-2012/INT	0.18 meters	PCTel	3491IZ-3
	1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	200KG7W	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz	200KG7W	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID:	8-203/EXT	0.19 meters	PCTel	3561AW-1/A
	1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	200KG7W	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz	200KG7W	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID:	11-C50/INT	0.1524 meters	PCTel	CMT-500
	1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	200KG7W	10.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile

1646.5000 - 1660.5000 MHz	200KG7W	10.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
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SITE ID: MSV - ROUS

LOCATION: 20430 Century Boulevard, Montgomery, Germantown, MD

ANTENNA ID: 11-C50/INT	0.1524 meters	PCTel	CMT-500
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1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
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1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
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1631.5000 - 1645.5000 MHz	168KG1D	10.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
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1646.5000 - 1660.5000 MHz	168KG1D	10.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Marine & Land Mobile
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SITE ID: ISAT- ROUS/CONU- 202

LOCATION: 20430 Century Boulevard, Montgomery, Germantown, MD

ANTENNA ID: 5-202/EXT	0.27 meters	Sensor Systems	S65-8282-301
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1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
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1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
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1631.5000 - 1645.5000 MHz	200KG7W	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
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1646.5000 - 1660.5000 MHz	200KG7W	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
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Points of Communication:

ISAT -- ROUS - ISAT List -

ISAT- ROUS/CONU- 202 - ISAT List -

MSV - ROUS - MSAT-1 - (106.5 W.L.)

MSV - ROUS - MSAT-2 - (100.95 W.L.)

MSV - ROUS - MSV-1 - (101 W.L.)

SES-LIC-20090211-00171 E E090029 COMTECH MOBILE DATACOM CORP.

Application for Authority

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: ISAT/ASDR
LOCATION: 20430 Century Boulevard, Montgomery, Germantown, MD

ANTENNA ID:	9-ASDR/INT	0.315 meters	CMDC	CMDC-999-2020-PA
	1530.0000 - 1544.0000 MHz	200KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 151,000 CPS, Data, Land Mobile
	1545.0000 - 1559.0000 MHz	200KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 151,000 CPS, Data, Land Mobile
	1631.5000 - 1645.5000 MHz	200KG1D	13.00 dBW	DSSS, BPSK, 21,094 to 151,000 CPS, Data, Land Mobile
	1646.5000 - 1660.5000 MHz	200KG1D	13.00 dBW	DSSS, BPSK, 21,094 to 151,000 CPS, Data, Land Mobile

ANTENNA ID:	10-ASDO/IN	0.047 meters	CMDC	CMDC-999-2021-PA
	1530.0000 - 1544.0000 MHz	200KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 151,000 CPS, Data, Land Mobile
	1545.0000 - 1559.0000 MHz	200KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 151,000 CPS, Data, Land Mobile
	1631.5000 - 1645.5000 MHz	200KG1D	8.50 dBW	DSSS, BPSK, 21,094 to 151,000 CPS, Data, Land Mobile
	1646.5000 - 1660.5000 MHz	200KG1D	8.50 dBW	DSSS, BPSK, 21,094 to 151,000 CPS, Data, Land Mobile

SITE ID: MSV/ASDR
LOCATION: 20430 Century Boulevard, Montgomery, Germantown, MD

ANTENNA ID:	9-ASDR/INT	0.315 meters	CMDC	CMDC-999-2020-PA
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 151,000 CPS, Data, Land Mobile
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 151,000 CPS, Data, Land Mobile
	1631.5000 - 1645.5000 MHz	168KG1D	13.00 dBW	DSSS, BPSK, 21,094 to 151,000 CPS, Data, Land Mobile
	1646.5000 - 1660.5000 MHz	168KG1D	13.00 dBW	DSSS, BPSK, 21,094 to 151,000 CPS, Data, Land Mobile

ANTENNA ID:	10-ASDO/IN	0.047 meters	CMDC	CMDC-999-2021-PA
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 151,000 CPS, Data, Land Mobile
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 151,000 CPS, Data, Land Mobile

1631.5000 - 1645.5000 MHz	168KG1D	8.50 dBW	DSSS, BPSK, 21,094 to 151,000 CPS, Data, Land Mobile
1646.5000 - 1660.5000 MHz	168KG1D	8.50 dBW	DSSS, BPSK, 21,094 to 151,000 CPS, Data, Land Mobile
SITE ID: ISAT/CONUS			
LOCATION: 20430 Century Boulevard, Montgomery, Germantown, MD			
ANTENNA ID: 1-2010/INT	0.15 meters	SCI Systems	MT-2010 internal
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	200KG7W	10.20 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	200KG7W	10.20 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID: 2-2010/EXT	0.15 meters	Sensor Systems	S65-8582-101
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1631.5000 - 1645.5000 MHz	200KG7W	12.10 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1646.5000 - 1660.5000 MHz	200KG7W	12.10 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
ANTENNA ID: 2-2011/EXT	0.15 meters	Sensor Systems	S65-8582-101
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1631.5000 - 1645.5000 MHz	200KG7W	12.10 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1646.5000 - 1660.5000 MHz	200KG7W	12.10 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
ANTENNA ID: 3-2010	0.06 meters	SCI Systems	MT-2010 external
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile

	1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	200KG7W	11.30 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz	200KG7W	11.30 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID:	4-2010/INT	0.15 meters	SCI Systems	MT-2010 rl internal
	1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	200KG7W	12.30 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz	200KG7W	12.30 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID:	5-203/EXT	0.27 meters	Sensor Systems	S65-8282-301
	1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1631.5000 - 1645.5000 MHz	200KG7W	11.20 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1646.5000 - 1660.5000 MHz	200KG7W	11.20 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
ANTENNA ID:	DELETE	0 meters	DELETE	0
ANTENNA ID:	5-2011/EXT	0.27 meters	Sensor Systems	S65-8282-301
	1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1631.5000 - 1645.5000 MHz	200KG7W	11.20 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
	1646.5000 - 1660.5000 MHz	200KG7W	11.20 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
ANTENNA ID:	5-2012	0.27 meters	Sensor Systems	S65-8282-301

1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1631.5000 - 1645.5000 MHz	200KG7W	11.20 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
1646.5000 - 1660.5000 MHz	200KG7W	11.20 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, Data, Aeronautical
ANTENNA ID: 6-2011/INT	0.18 meters	PCTel	3481IZ-3
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	200KG7W	11.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	200KG7W	11.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID: 6-2012/INT	0.18 meters	PCTel	3481IZ-3
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	200KG7W	11.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	200KG7W	11.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID: 6-203/INT	0.18 meters	PCTel	3481IZ-3
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	200KG7W	11.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	200Kg7W	11.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID: 7-2011/INT	0.18 meters	PCTel	3491IZ-3

1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	200KG7W	13.30 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	200KG7W	13.30 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID: 7-2012/INT	0.18 meters	PCTel	3491IZ-3
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	200KG7W	13.30 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	200KG7W	13.30 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID: 8-203/EXT	0.19 meters	PCTel	3561AW-1/A
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	200KG7W	11.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	200KG7W	11.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
ANTENNA ID: 11-C50/INT	0.1524 meters	PCTel	CMT-500
1530.0000 - 1544.0000 MHz	200KG7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1545.0000 - 1559.0000 MHz	200G7W	0.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1631.5000 - 1645.5000 MHz	200KG7W	10.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile
1646.5000 - 1660.5000 MHz	200KG7W	10.00 dBW	DSSS,BPSK, 21, 094 to 84,375 CPS, Data, Marine & Land Mobile

SITE ID: MSV/CONUS
LOCATION: 20430 Century Boulevard, Montgomery, Germantown, MD

ANTENNA ID:	1-2010/INT	0.15 meters	SCI Systems	MT-2010 internal	
	1530.0000 - 1544.0000 MHz		168KG1D	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz		168KG1D	0.00 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz		168KG1D	10.20 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz		168KG1D	10.20 dBW	DSSS,BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID:	2-2010/EXT	0.15 meters	Sensor Systems	S65-8582-101	
	1530.0000 - 1544.0000 MHz		168KG1D	0.00 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1545.0000 - 1559.0000 MHz		168KG1D	0.00 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1631.5000 - 1645.5000 MHz		168KG1D	12.10 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1646.5000 - 1660.5000 MHz		168KG1D	12.10 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
ANTENNA ID:	2-2011/EXT	0.15 meters	Sensor Systems	S65-8582-101	
	1530.0000 - 1544.0000 MHz		168KG1D	0.00 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1545.0000 - 1559.0000 MHz		168KG1D	0.00 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1631.5000 - 1645.5000 MHz		168KG1D	12.10 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1646.5000 - 1660.5000 MHz		168KG1D	12.10 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
ANTENNA ID:	3-2010/EXT	0.06 meters	SCI Systems	MT-2010 external	
	1530.0000 - 1544.0000 MHz		168KG1D	0.00 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz		168KG1D	0.00 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz		168KG1D	11.30 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz		168KG1D	11.30 dBW	DSSS. BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile

ANTENNA ID:	4-2010/INT	0.15 meters	SCI Systems	MT-2010 rl Internal	
	1530.0000 - 1544.0000 MHz		168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz		168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz		168KG1D	12.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz		168KG1D	12.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID:	5-203/EXT	0.27 meters	Sensor Systems	S65-8282-301	
	1530.0000 - 1544.0000 MHz		168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1545.0000 - 1559.0000 MHz		168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1631.5000 - 1645.5000 MHz		168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1646.5000 - 1660.5000 MHz		168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
ANTENNA ID:	5-2011/EXT	0.27 meters	Sensor Systems	S65-8282-301	
	1530.0000 - 1544.0000 MHz		168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1545.0000 - 1559.0000 MHz		168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1631.5000 - 1645.5000 MHz		168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1646.5000 - 1660.5000 MHz		168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
ANTENNA ID:	5-2012/EXT	0.27 meters	Sensor Systems	S65-8282-301	
	1530.0000 - 1544.0000 MHz		168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1545.0000 - 1559.0000 MHz		168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1631.5000 - 1645.5000 MHz		168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical
	1646.5000 - 1660.5000 MHz		168KG1D	11.20 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Aeronautical

ANTENNA ID:	6-2011/INT	0.18 meters	PCTel	3481IZ-3
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID:	6-2012/INT	0.18 meters	PCTel	3481IZ-3
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID:	6-203/INT	0.18 meters	PCTel	3481IZ-3
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID:	7-2011/INT	0.18 meters	PCTel	3491IZ-3
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile

ANTENNA ID:	7-2012/INT	0.18 meters	PCTel	3491IZ-3
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID:	8-203/EXT	0.19 meters	PCTel	3561AW-1/A
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
ANTENNA ID:	11-C50/INT	0.1524 meters	PCTel	CMT-500
	1530.0000 - 1544.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1545.0000 - 1559.0000 MHz	168KG1D	0.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1631.5000 - 1645.5000 MHz	168KG1D	10.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile
	1646.5000 - 1660.5000 MHz	168KG1D	10.00 dBW	DSSS, BPSK, 21,094 to 84,375 CPS, and Data, Marine & Land Mobile

Points of Communication:

ISAT/ASDR - ISAT List -

ISAT/CONUS - ISAT List -

MSV/ASDR - MSAT-1 - (106.5 W.L.)

MSV/ASDR - MSAT-2 - (100.95 W.L.)

MSV/ASDR - MSV-1 - (101 W.L.)

MSV/CONUS - MSAT-1 - (106.5 W.L.)

MSV/CONUS - MSAT-2 - (100.95 W.L.)

MSV/CONUS - MSV-1 - (101 W.L.)

SES-LIC-20090311-00290 E E090038 PetroCom License Corporation

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Applicant filed an amendment SES-AMD-20090316-00315 to this license application to correct site info. (street and city) and to correct Exhibit D, Non-Compliant Antenna Spectral Density Showing.

SITE ID: 1

LOCATION: HIGH ISLAND 264, HIGH ISLAND 264, LA
28 ° 28 ' 14.00 " N LAT. 93 ° 44 ' 22.00 " W LONG.

ANTENNA ID: 1	2.4 meters	Prodelin	1251
3700.0000 - 4200.0000 MHz	2M56G7W	0.00 dBW	Digital
3700.0000 - 4200.0000 MHz	640KG7W	0.00 dBW	Digital
5925.0000 - 6425.0000 MHz	2M56G7W	47.45 dBW	Digital
5925.0000 - 6425.0000 MHz	640KG7W	41.45 dBW	Digital

Points of Communication:

1 - ALSAT - (ALSAT)

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

SES-MFS-20080724-00977 E E050196 EchoStar Corporation

Modification

Class of Station: Other

Nature of Service: Direct Broadcast Satellite Service, Other

EchoStar Corporation requests to modify its application to add the EchoStar 8 satellite as a point of communication operating under Mexican authority at the 77 degrees W.L. orbital location.

SITE ID: Multiple

LOCATION: CONUS 1,000,000 (.66M Antennas)

ANTENNA ID: .66M	0.66 meters	Various - all using the following specs.	Various
12200.0000 - 12700.0000 MHz	24M0G7W	0.00 dBW	DBS Service

Points of Communication:

Multiple - ECHOSTAR 4 - (77 W.L.)

Multiple - ECHOSTAR 8 - (77 W.L.)

SES-MFS-20080724-00978 E E060003 EchoStar Corporation

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Other

EchoStar Corporation amends its application to reclassify the EchoStar 8 satellite as a Mexican-licensed satellite to operate and perform TT&C functions at the 77 degrees W.L. location. (See File No. SES-MOD-20080616-00799)

SITE ID: GD3/GD4

LOCATION: 800 North America Sky Blvd., Maricopa, Gilbert, AZ

33 ° 21 ' 53.60 " N LAT.

111 ° 48 ' 53.60 " W LONG.

ANTENNA ID:	GD3/GD4	9.1 meters	Vertex	9.1 Meter
	17300.0000 - 17800.0000 MHz	24M0G7W	87.40 dBW	Digital Compressed Video
	17300.0000 - 17800.0000 MHz	1M50G2D	87.40 dBW	Command Carrier (TT&C)
	12200.0000 - 12700.0000 MHz	24M0G7W		Digital Compressed Video
	12200.0000 - 12700.0000 MHz	300KG2D		Telemetry Beacon (TT&C)
	17300.0000 - 17310.0000 MHz	800KG2D	84.70 dBW	Command Carrier (TT&C)
	17790.0000 - 17800.0000 MHz	800KG2D	84.70 dBW	Command Carrier (TT&C)
	12200.0000 - 12210.0000 MHz	800KG2D		Telemetry Beacon (TT&C)
	12690.0000 - 12700.0000 MHz	800KG2D		Telemetry Beacon (TT&C)

Points of Communication:

GD3/GD4 - ECHOSTAR 10 - (110 W.L.)

GD3/GD4 - ECHOSTAR 2 - (148 W.L.)

GD3/GD4 - ECHOSTAR 3 - (61.5 W.L.)

GD3/GD4 - ECHOSTAR 5 - (129 W.L.)

GD3/GD4 - ECHOSTAR 6 - (110 W.L.)

GD3/GD4 - ECHOSTAR 7 - (119 W.L.)

GD3/GD4 - ECHOSTAR 8 - (110 W.L.)

GD3/GD4 - ECHOSTAR 8 - (77 W.L.)

GD3/GD4 - ECHOSTAR I - (148.0 W.L.)

GD3/GD4 - RAINBOW1 - (61.5 W.L.)

SES-MFS-20080724-00979 E E070014 EchoStar Corporation

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Other

EchoStar Corporation amends its application to reclassify the EchoStar 8 satellite as a Mexican-licensed satellite to operate and perform TT&C functions at the 77 degrees W.L. location. (See File No. SES-MOD-20080616-00798)

SITE ID: GFMA

LOCATION: 801 N. Dish Drive, Maricopa, Gilbert, AZ

33 ° 22 ' 0.80 " N LAT.

111 ° 48 ' 54.70 " W LONG.

ANTENNA ID:	GFMA	13.2 meters	Vertex		13.2 Meter
	17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW		Digital Compressed Video
	17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW		Digital Compressed Video
	17300.0000 - 17800.0000 MHz	1M50G2D	86.90 dBW		Command Carrier (TT&C)
	12200.0000 - 12700.0000 MHz	24M0G7W			Digital Compressed Video
	12200.0000 - 12700.0000 MHz	24M0G7W			Digital Compressed Video
	12200.0000 - 12700.0000 MHz	1M50G2D			Telemetry (TT&C)
	12200.0000 - 12210.0000 MHz	800KG2D			Telemetry (TT&C)
	12200.0000 - 12210.0000 MHz	800KG2D			Telemetry (TT&C)
	12690.0000 - 12700.0000 MHz	800KG2D			Telemetry (TT&C)
	12690.0000 - 12700.0000 MHz	800KG2D			Telemetry (TT&C)
	17300.0000 - 17310.0000 MHz	800KG2D	84.10 dBW		Command Carrier (TT&C)
	17300.0000 - 17310.0000 MHz	800KG2D	84.10 dBW		Command Carrier (TT&C)
	17790.0000 - 17800.0000 MHz	800KG2D	84.10 dBW		Command Carrier (TT&C)
	17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW		Digital Compressed Video
	12200.0000 - 12700.0000 MHz	24M0G7W			Digital Compressed Video
	12200.0000 - 12700.0000 MHz	24M0G7W			Digital Compressed Video
	17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW		Digital Compressed Video
	17790.0000 - 17800.0000 MHz	800KG2D	84.10 dBW		Command Carrier (TT&C)
	12200.0000 - 12205.0000 MHz	800KG2D			Telemetry
	17300.0000 - 17800.0000 MHz	1M50G2D	86.90 dBW		Command Carrier (TT&C)
	12200.0000 - 12700.0000 MHz	1M50G2D			Telemetry (TT&C)

Points of Communication:

- GFMA - ECHOSTAR 10 - (110 W.L.)
- GFMA - ECHOSTAR 2 - (148 W.L.)
- GFMA - ECHOSTAR 3 - (61.5 W.L.)
- GFMA - ECHOSTAR 4 - (77 W.L.)
- GFMA - ECHOSTAR 5 - (129 W.L.)
- GFMA - ECHOSTAR 6 - (110 W.L.)
- GFMA - ECHOSTAR 6 - (72.7 W.L.)
- GFMA - ECHOSTAR 7 - (119 W.L.)
- GFMA - ECHOSTAR 8 - (110 W.L.)
- GFMA - ECHOSTAR 8 - (77 W.L.)
- GFMA - ECHOSTAR I - (148.0 W.L.)
- GFMA - RAINBOW1 - (61.5 W.L.)

SES-MFS-20080724-00980 E E050017 EchoStar Corporation

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Other

EchoStar Corporation amends its application to reclassify the EchoStar 8 satellite as a Mexican-licensed satellite to operate and perform TT&C functions at the 77 degrees W.L. location. (See File No. SES-MOD-20080616-00797)

SITE ID: GT7 & GT8

LOCATION: 800 North America Sky Blvd., Maricopa, Gilbert, AZ

33 ° 21 ' 55.90 " N LAT.

111 ° 48 ' 50.00 " W LONG.

ANTENNA ID:	GT7	13.2 meters	Vertex/TIW	13.2 Meter
	17300.0000 - 17800.0000 MHz	300KG7D -	82.10 dBW	Data Carrier
	17300.0000 - 17800.0000 MHz	24M0G7W	87.40 dBW	Data Carrier
	12200.0000 - 12700.0000 MHz	24M0G7W		Data Carrier
	12200.0000 - 12700.0000 MHz	300KG7D -		Data Carrier
	12200.0000 - 12210.0000 MHz	800KG2D		Telemetry
	12690.0000 - 12700.0000 MHz	800KG2D		Telemetry
	17300.0000 - 17310.0000 MHz	800KG2D	82.10 dBW	Telecommand

17790.0000 - 17800.0000 MHz	800KG2D	82.10 dBW	Telecommand
ANTENNA ID: GT8	13.2 meters	Vertex/TIW	13.2 Meter
17300.0000 - 17800.0000 MHz	300KG7D -	82.10 dBW	Data Carrier
17300.0000 - 17800.0000 MHz	24M0G7W	87.40 dBW	Data Carrier
12200.0000 - 12700.0000 MHz	300KG7D -		Data Carrier
12200.0000 - 12700.0000 MHz	24M0G7W		Data Carrier
12200.0000 - 12210.0000 MHz	800KG2D		Telemetry
12690.0000 - 12700.0000 MHz	800KG2D		Telemetry
17300.0000 - 17310.0000 MHz	800KG2D	82.10 dBW	Telecommand
17790.0000 - 17800.0000 MHz	800KG2D	82.10 dBW	Telecommand

Points of Communication:

GT7 & GT8 - ECHOSTAR 10 - (110 W.L.)

GT7 & GT8 - ECHOSTAR 2 - (148 W.L.)

GT7 & GT8 - ECHOSTAR 3 - (61.5 W.L.)

GT7 & GT8 - ECHOSTAR 5 - (129 W.L.)

GT7 & GT8 - ECHOSTAR 6 - (110 W.L.)

GT7 & GT8 - ECHOSTAR 7 - (119 W.L.)

GT7 & GT8 - ECHOSTAR 8 - (110 W.L.)

GT7 & GT8 - ECHOSTAR 8 - (77 W.L.)

GT7 & GT8 - ECHOSTAR I - (148.0 W.L.)

GT7 & GT8 - ECHOSTAR-4 - (119 W.L.)

GT7 & GT8 - RAINBOW1 - (61.5 W.L.)

SES-MFS-20080724-00981 E E080007 EchoStar Corporation

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

EchoStar Corporation amends its application to reclassify the EchoStar 8 satellite as a Mexican-licensed satellite to operate and perform TT&C functions at the 77 degrees W.L. location. (See File No. SES-MOD-20080616-00796)

SITE ID: Gilbert
 LOCATION: 801 N. Dish Drive, Maricopa, Gilbert, AZ
 33 ° 22 ' 0.30 " N LAT.

111 ° 48 ' 53.90 " W LONG.

ANTENNA ID:	GD8	11 meters	TIW	11 meter LMA	
	17790.0000 - 17800.0000 MHz		1M50F3D	82.46 dBW	Ranging Tones
	17790.0000 - 17800.0000 MHz		1M50G2D	82.46 dBW	Telecommand
	17300.0000 - 17310.0000 MHz		1M50F3D	82.46 dBW	Ranging Tones
	17300.0000 - 17310.0000 MHz		1M50G2D	82.46 dBW	Telecommand
	12690.0000 - 12700.0000 MHz		1M50F3D	0.00 dBW	Spacecraft Ranging Tones
	12690.0000 - 12700.0000 MHz		1M50G2D	0.00 dBW	Telemetry
	12200.0000 - 12210.0000 MHz		1M50F3D	0.00 dBW	Spacecraft Ranging Tones
	12200.0000 - 12210.0000 MHz		1M50G2D	0.00 dBW	Telemetry
	12200.0000 - 12210.0000 MHz		800KG2D		Telemetry
	12690.0000 - 12700.0000 MHz		800KG2D	0.00 dBW	Telemetry
	17300.0000 - 17310.0000 MHz		800KG2D	79.71 dBW	Telecommand
	17790.0000 - 17800.0000 MHz		800KG2D	79.71 dBW	Telecommand
	17310.0000 - 17790.0000 MHz		24M0G7W	86.00 dBW	Digital Data and Compressed Video
	12210.0000 - 12690.0000 MHz		24M0G7W	0.00 dBW	Digital Data and Compressed Video
ANTENNA ID:	GD7	11 meters	TIW	11 meter LMA	
	17790.0000 - 17800.0000 MHz		1M50G2D	82.46 dBW	Telecommand
	17310.0000 - 17790.0000 MHz		24M0G7W	86.00 dBW	Digital Data and Compressed Video
	17300.0000 - 17310.0000 MHz		1M50F3D	82.46 dBW	Ranging Tones
	12690.0000 - 12700.0000 MHz		1M50F3D	0.00 dBW	Spacecraft Ranging Tones
	12690.0000 - 12700.0000 MHz		1M50G2D	0.00 dBW	Telemetry
	12210.0000 - 12690.0000 MHz		24M0G7W	0.00 dBW	Digital Data and Compressed Video
	12200.0000 - 12210.0000 MHz		1M50G2D	0.00 dBW	Telemetry
	12200.0000 - 12210.0000 MHz		800KG2D		Telemetry

12690.0000 - 12700.0000 MHz	800KG2D		Telemetry
17300.0000 - 17310.0000 MHz	800KG2D	79.71 dBW	Telecommand
17790.0000 - 17800.0000 MHz	800KG2D	79.71 dBW	Telecommand
17790.0000 - 17800.0000 MHz	1M50F3D	82.46 dBW	Ranging Tones
17300.0000 - 17310.0000 MHz	1M50G2D	82.46 dBW	Telecommand
12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Spacecraft Ranging Tones

Points of Communication:

- Gilbert - EHOSTAR 10 - (110 W.L.)
- Gilbert - EHOSTAR 2 - (148 W.L.)
- Gilbert - EHOSTAR 3 - (61.5 W.L.)
- Gilbert - EHOSTAR 4 - (77 W.L.)
- Gilbert - EHOSTAR 5 - (129 W.L.)
- Gilbert - EHOSTAR 6 - (110 W.L.)
- Gilbert - EHOSTAR 7 - (119 W.L.)
- Gilbert - EHOSTAR 8 - (110 W.L.)
- Gilbert - EHOSTAR 8 - (77 W.L.)
- Gilbert - EHOSTAR I - (148.0 W.L.)
- Gilbert - RAINBOW1 - (61.5 W.L.)

SES-MFS-20080724-00982 E E080058 EchoStar Corporation

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

EchoStar Corporation seeks to amend its application to reclassify the EchoStar 8 satellite as a Mexican-licensed satellite. EchoStar also file an amendment. See File No. SES-AFS-20090130-00107.

SITE ID: Gilbert

LOCATION: 801 N. Dish Drive, Maricopa, Gilbert, AZ

33 ° 21 ' 55.60 " N LAT.

111 ° 48 ' 49.10 " W LONG.

ANTENNA ID: GD9 9 meters Vertex 9m

17790.0000 - 17800.0000 MHz	1M50F3D	80.84 dBW	Ranging Tones
17790.0000 - 17800.0000 MHz	800KG2D	78.10 dBW	Telecommand

17300.0000 - 17310.0000 MHz	1M50F3D	80.84 dBW	Ranging Tones
17300.0000 - 17310.0000 MHz	800KG2D	78.10 dBW	Telecommand
12690.0000 - 12700.0000 MHz	1M50F3D	0.00 dBW	Spacecraft Ranging Tones
12690.0000 - 12700.0000 MHz	1M50F2D	0.00 dBW	Telemetry
12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Spacecraft Ranging Tones
12200.0000 - 12210.0000 MHz	1M50F2D	0.00 dBW	Telemetry
17310.0000 - 17790.0000 MHz	24M0G7W	86.50 dBW	Digital Data and Compressed Video
12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW	Digital Data and Compressed Video
ANTENNA ID: GD10	9 meters	Vertex	9m
17790.0000 - 17800.0000 MHz	800KG2D	78.10 dBW	Telecommand
17310.0000 - 17790.0000 MHz	24M0G7W	86.50 dBW	Digital Data and Compressed Video
17300.0000 - 17310.0000 MHz	1M50F3D	80.84 dBW	Ranging Tones
12690.0000 - 12700.0000 MHz	1M50F3D	0.00 dBW	Spacecraft Ranging Tones
12690.0000 - 12700.0000 MHz	1M50F2D	0.00 dBW	Telemetry
12210.0000 - 12690.0000 MHz	24M0G7W	0.00 dBW	Digital Data and Compressed Video
12200.0000 - 12210.0000 MHz	1M50F2D	0.00 dBW	Telemetry
17790.0000 - 17800.0000 MHz	1M50F3D	80.84 dBW	Ranging Tones
17300.0000 - 17310.0000 MHz	800KG2D	78.10 dBW	Telecommand
12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Spacecraft Ranging Tones

Points of Communication:

Gilbert - ECHOSTAR 1 - (77 W.L.)

Gilbert - ECHOSTAR 2 - (148 W.L.)

Gilbert - ECHOSTAR 3 - (61.5 W.L.)

Gilbert - ECHOSTAR 4 - (77 W.L.)

Gilbert - ECHOSTAR 5 - (129 W.L.)

Gilbert - ECHOSTAR 6 - (110 W.L.)

Gilbert - ECHOSTAR 6 - (72.7 W.L.)

Gilbert - EHOSTAR 7 - (119 W.L.)

Gilbert - EHOSTAR 8 - (110 W.L.)

Gilbert - EHOSTAR 8 - (77 W.L.)

Gilbert - EHOSTAR I - (148.0 W.L.)

Gilbert - RAINBOW1 - (61.5 W.L.)

SES-MFS-20080724-00983 E E080120 EchoStar Corporation

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

EchoStar Corporation amends its application to reclassify the EchoStar 8 satellite as a Mexican-licensed satellite to operate and perform TT&C functions at the 77 degrees W.L. location. (See File No. SES-LIC-20080516-00652)

SITE ID: Cheyenne

LOCATION: 530 EchoStar Drive, Laramie, Cheyenne, WY

41 ° 7 ' 54.40 " N LAT.

104 ° 44 ' 13.00 " W LONG.

ANTENNA ID:	D1	9 meters	Vertex	9m
	12200.0000 - 12210.0000 MHz	800KG2D	0.00 dBW	Telemetry
	12690.0000 - 12700.0000 MHz	800KG2D	0.00 dBW	Telemetry
	17790.0000 - 17800.0000 MHz	800KG2D	78.10 dBW	Telecommand
	12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones
	12690.0000 - 12700.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones
	17790.0000 - 17800.0000 MHz	1M50F3D	80.84 dBW	Ranging Tones
	12210.0000 - 12700.0000 MHz	24M0G7W	0.00 dBW	Digital Data and Compressed Video
	17790.0000 - 17800.0000 MHz	24M0G7W	86.50 dBW	Digital Data and Compressed Video
	17300.0000 - 17310.0000 MHz	800KG2D	78.10 dBW	Telecommand
	17300.0000 - 17310.0000 MHz	1M50F3D	80.84 dBW	Ranging Tones
ANTENNA ID:	D2	9 meters	Vertex	9m
	12690.0000 - 12700.0000 MHz	800KG2D	0.00 dBW	Telemetry
	17300.0000 - 17310.0000 MHz	800KG2D	78.10 dBW	Telecommand
	17790.0000 - 17800.0000 MHz	800KG2D	78.10 dBW	Telecommand

12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones
12690.0000 - 12700.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones
12210.0000 - 12700.0000 MHz	24M0G7W	0.00 dBW	Digital Data and Compressed Video
17300.0000 - 17800.0000 MHz	24M0G7W	86.50 dBW	Digital Data and Compressed Video
17300.0000 - 17310.0000 MHz	1M50F3D	80.84 dBW	Ranging Tones
12200.0000 - 12210.0000 MHz	800KG2D	0.00 dBW	Telemetry
17790.0000 - 17800.0000 MHz	1M50F3D	80.84 dBW	Ranging Tones

Points of Communication:

Cheyenne - EHOSTAR 10 - (110 W.L.)

Cheyenne - EHOSTAR 2 - (148 W.L.)

Cheyenne - EHOSTAR 3 - (61.5 W.L.)

Cheyenne - EHOSTAR 4 - (77 W.L.)

Cheyenne - EHOSTAR 5 - (129 W.L.)

Cheyenne - EHOSTAR 6 - (110 W.L.)

Cheyenne - EHOSTAR 7 - (119 W.L.)

Cheyenne - EHOSTAR 8 - (110 W.L.)

Cheyenne - EHOSTAR 8 - (77 W.L.)

Cheyenne - EHOSTAR I - (148.0 W.L.)

Cheyenne - RAINBOW1 - (61.5 W.L.)

SES-MFS-20081117-01494 E E070275 EchoStar Corporation

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

EchoStar Corporation seeks to modify its transmit/receive earth station to add an antenna and change the licensed points of communication.

SITE ID: Spokane

LOCATION: 9815 West Hallett Road, Spokane, WA

47 ° 35 ' 33.80 " N LAT.

117 ° 33 ' 4.00 " W LONG.

ANTENNA ID: WAD 1 9.1 meters Vertex 9 meter

17790.0000 - 17800.0000 MHz	1M50F3D	82.96 dBW	Ranging Tones
17310.0000 - 17790.0000 MHz	24M0G1W	86.90 dBW	Compressed Digital Video and Data

17300.0000 - 17310.0000 MHz	1M50F3D	82.96 dBW	Ranging Tones
17300.0000 - 17310.0000 MHz	1M50G2D	82.96 dBW	Telecommand
12690.0000 - 12700.0000 MHz	1M50G2D	0.00 dBW	Telemetry
12210.0000 - 12690.0000 MHz	24M0G1W	0.00 dBW	Compressed Digital Video and Data
12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones
12200.0000 - 12210.0000 MHz	800KG2D		TT&C
12690.0000 - 12700.0000 MHz	800KG2D		TT&C
17300.0000 - 17310.0000 MHz	800KG2D	80.20 dBW	TT&C
17790.0000 - 17800.0000 MHz	800KG2D	80.20 dBW	TT&C
12200.0000 - 12700.0000 MHz	24M0G7W		Digital data and compressed video
17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW	Digital data and compressed video
17790.0000 - 17800.0000 MHz	1M50G2D	82.96 dBW	Telecommand
12690.0000 - 12700.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones
12200.0000 - 12210.0000 MHz	1M50G2D	0.00 dBW	Telemetry
ANTENNA ID: WAD 3	9.1 meters	Vertex	9 meter
12200.0000 - 12210.0000 MHz	800KG2D		TT&C
12690.0000 - 12700.0000 MHz	800KG2D		TT&C
17300.0000 - 17310.0000 MHz	800KG2D	80.20 dBW	TT&C
17790.0000 - 17800.0000 MHz	800KG2D	80.20 dBW	TT&C
12200.0000 - 12210.0000 MHz	1M50G2D		Telemetry
12690.0000 - 12700.0000 MHz	1M50G2D		Telemetry
17300.0000 - 17310.0000 MHz	1M50G2D	82.96 dBW	Telecommand
17790.0000 - 17800.0000 MHz	1M50G2D	82.96 dBW	Telecommand
12200.0000 - 12210.0000 MHz	1M50F3D		Ranging Tones
12690.0000 - 12700.0000 MHz	1M50F3D		Ranging Tones
17300.0000 - 17310.0000 MHz	1M50F3D	82.96 dBW	Ranging Tones

17790.0000 - 17800.0000 MHz	1M50F3D	82.96 dBW	Ranging Tones
12200.0000 - 12700.0000 MHz	24M0G7W		Digital data and compressed video
12210.0000 - 12690.0000 MHz	24M0G7W		Digital data and compressed video
17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW	Digital data and compressed video
17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Digital data and compressed video

Points of Communication:

- Spokane - ECHOSTAR 10 - (110 W.L.)
- Spokane - ECHOSTAR 11 - (110 W.L.)
- Spokane - ECHOSTAR 2 - (148 W.L.)
- Spokane - ECHOSTAR 3 - (61.5 W.L.)
- Spokane - ECHOSTAR 4 - (77 W.L.)
- Spokane - ECHOSTAR 5 - (129 W.L.)
- Spokane - ECHOSTAR 6 - (72.7 W.L.)
- Spokane - ECHOSTAR 7 - (119 W.L.)
- Spokane - ECHOSTAR 8 - (77 W.L.)
- Spokane - ECHOSTAR I - (148.0 W.L.)
- Spokane - RAINBOW1 - (61.5 W.L.)

SES-MFS-20081117-01495 E E070273 EchoStar Corporation
Modification

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service

EchoStar Corporation seeks to modify its transmit/receive earth station to add an antenna and change the licensed points of communication.

SITE ID: Mt. Jackson

LOCATION: 335 Dish Drive, Shenandoah, Quicksburg, VA

38 ° 43 ' 24.30 " N LAT.

78 ° 40 ' 0.20 " W LONG.

ANTENNA ID: VAD 1 9 meters Vertex 9 meter

17790.0000 - 17800.0000 MHz	1M50G2D	82.96 dBW	Telecommand
17310.0000 - 17790.0000 MHz	24M0G1W	86.90 dBW	Compressed Digital Video and Data
17300.0000 - 17310.0000 MHz	1M50F3D	82.96 dBW	Ranging Tones
12690.0000 - 12700.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones

12690.0000 - 12700.0000 MHz	1M50G2D	0.00 dBW	Telemetry
12210.0000 - 12690.0000 MHz	24M0G1W	0.00 dBW	Compressed Digital Video and Data
12200.0000 - 12210.0000 MHz	1M50G2D	0.00 dBW	Telemetry
12200.0000 - 12210.0000 MHz	800KG2D		TT&C
12690.0000 - 12700.0000 MHz	800KG2D		TT&C
17300.0000 - 17310.0000 MHz	800KG2D	80.20 dBW	TT&C
17790.0000 - 17800.0000 MHz	800KG2D	80.20 dBW	TT&C
12200.0000 - 12700.0000 MHz	24M0G7W		Digital data and compressed video
17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW	Digital data and compressed video
17790.0000 - 17800.0000 MHz	1M50F3D	82.96 dBW	Ranging Tones
17300.0000 - 17310.0000 MHz	1M50G2D	82.96 dBW	Telecommand
12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones
ANTENNA ID: VAD 3	9 meters	Vertex	9 meter
12200.0000 - 12210.0000 MHz	800KG2D		TT&C
12690.0000 - 12700.0000 MHz	800KG2D		TT&C
17300.0000 - 17310.0000 MHz	800KG2D	80.20 dBW	TT&C
17790.0000 - 17800.0000 MHz	800KG2D	80.20 dBW	TT&C
12200.0000 - 12210.0000 MHz	1M50G2D		Telemetry
12690.0000 - 12700.0000 MHz	1M50G2D		Telemetry
17300.0000 - 17310.0000 MHz	1M50G2D	82.96 dBW	Telecommand
17790.0000 - 17800.0000 MHz	1M50G2D	82.96 dBW	Telecommand
12200.0000 - 12210.0000 MHz	1M50F3D		Ranging Tones
12690.0000 - 12700.0000 MHz	1M50F3D		Ranging Tones
17300.0000 - 17310.0000 MHz	1M50F3D	82.96 dBW	Ranging Tones
17790.0000 - 17800.0000 MHz	1M50F3D	82.96 dBW	Ranging Tones
12200.0000 - 12700.0000 MHz	24M0G7W		Digital data and compressed video

12210.0000 - 12690.0000 MHz	24M0G7W		Digital data and compressed video
17300.0000 - 17800.0000 MHz	24M0G7W	86.90 dBW	Digital data and compressed video
17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Digital data and compressed video

Points of Communication:

- Mt. Jackson - EHOSTAR 10 - (110 W.L.)
- Mt. Jackson - EHOSTAR 11 - (110 W.L.)
- Mt. Jackson - EHOSTAR 2 - (148 W.L.)
- Mt. Jackson - EHOSTAR 3 - (61.5 W.L.)
- Mt. Jackson - EHOSTAR 4 - (77 W.L.)
- Mt. Jackson - EHOSTAR 5 - (129 W.L.)
- Mt. Jackson - EHOSTAR 6 - (110 W.L.)
- Mt. Jackson - EHOSTAR 6 - (72.7 W.L.)
- Mt. Jackson - EHOSTAR 7 - (119 W.L.)
- Mt. Jackson - EHOSTAR 8 - (110 W.L.)
- Mt. Jackson - EHOSTAR 8 - (77 W.L.)
- Mt. Jackson - EHOSTAR I - (148.0 W.L.)
- Mt. Jackson - RAINBOW1 - (61.5 W.L.)

SES-MFS-20090130-00108 E E980118 EchoStar Corporation

Modification

Class of Station: Fixed Earth Stations

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

Modification application filed to add EchoStar 1 satellite at the 77 W.L. orbital location to operate as a Mexican-Licensed Satellite, as a new point of communication, and to add a new antenna, and to delete frequencies from the current license. EchoStar, also seek a waiver of Section 25.202(g) to allow use of the conventional C-band frequencies for TT&C operation. (5926-5927 MHz and 6423-6424 MHz for command, and 4198.4-4198.6 MHz and 4199.4-4199.6 MHz for telemetry and tracking)

SITE ID: 1

LOCATION: 530 EHOSTAR DRIVE, LARAMIE, CHEYENNE, WY
41 ° 7 ' 55.70 " N LAT. 104 ° 44 ' 11.50 " W LONG.

ANTENNA ID: 1 9 meters VERTEX 9 KPC

6426.0000 - 6427.0000 MHz	1M00F2D	74.70 dBW	TT&C COMMAND VIA EHOSTAR
5925.0000 - 6425.0000 MHz	82K0F3N	66.10 dBW	ANALOG CARRIER

5925.0000 - 6425.0000 MHz	750KF2D	73.50 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0F8F	80.00 dBW	ANALOG VIDEO/AUDIO
5925.0000 - 6425.0000 MHz	36M0G7F	80.00 dBW	DIGITAL COMPRESSED VIDEO
5923.0000 - 5924.0000 MHz	1M00F2D	74.70 dBW	TT&C COMMAND VIA ECHOSTAR
3700.0000 - 4200.0000 MHz	750KF2D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	82K0F3N		ANALOG CARRIER
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG VIDEO/AUDIO
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL COMPRESSED VIDEO
3698.3000 - 3699.7000 MHz	1M00F2D		TT&C COMMAND VIA ECHOSTAR
5925.0000 - 5927.0000 MHz	800KG2D	73.80 dBW	TELECOMMAND
6423.0000 - 6425.0000 MHz	800KG2D	73.80 dBW	TELECOMMAND

Points of Communication:

- 1 - ALSAT - (ALSAT)
- 1 - ANIK E1 - (118.7 W.L.)
- 1 - ANIK E2 - (111.1 W.L.)
- 1 - COL515 - (37.7 W.L.)
- 1 - ECHOSTAR 1 - (77 W.L.)
- 1 - ECHOSTAR 2 - (148 W.L.)
- 1 - ECHOSTAR 4 - (157 W.L.)
- 1 - ECHOSTAR 6 - (110 W.L.)
- 1 - ECHOSTAR I - (148.0 W.L.)
- 1 - PAS-1R - (45.0 W.L.)
- 1 - PAS-3R - (43.0 W.L.)
- 1 - PAS-9 - (58.0 W.L.)
- 1 - TDRS-5 - (174.3 W.L.)

SES-MFS-20090130-00109 E E020233 EchoStar Corporation

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Fixed Satellite Service

Modification application filed to add EchoStar 1 satellite at the 77 W.L. orbital location to operate as a Mexican-Licensed Satellite, as a new point of communication, and to add a new antenna, and to delete frequencies from the current license. EchoStar, also seek a waiver of Section 25.202(g) to allow use of the conventional C-band frequencies for TT&C operation. (5926-5927 MHz and 6423-6424 MHz for command, and 4198.4-4198.6 MHz and 4199.4-4199.6 MHz for telemetry and tracking)

SITE ID: 1
 LOCATION: 801 NORTH AMERICA SKY BLVD., MARICOPA, GILBERT, AZ
 33 ° 22 ' 0.90 " N LAT. 111 ° 48 ' 52.90 " W LONG.

ANTENNA ID:	GC2	9 meters	VERTEX	9 KPC	
	3700.0000 - 4200.0000 MHz		1M00G7W	DATA CARRIER (DIGITAL)	
	3700.0000 - 4200.0000 MHz		82K0G7W	COMMAND CARRIER	
	3700.0000 - 4200.0000 MHz		750KG7W	DATA CARRIER (DIGITAL)	
	3700.0000 - 4200.0000 MHz		36M0F8W	ANALOG VIDEO	
	3700.0000 - 4200.0000 MHz		36M0G7W	COMPRESSED VIDEO (DIGITAL)	
	5961.0000 - 5988.0000 MHz		1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
	6020.0000 - 6028.0000 MHz		1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
	6040.0000 - 6077.0000 MHz		1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
	6109.0000 - 6181.0000 MHz		1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
	6420.0000 - 6421.0000 MHz		1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
	6424.0000 - 6425.0000 MHz		1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
	5925.0000 - 5929.0000 MHz		82K0G7W	63.81 dBW	COMMAND CARRIER
	5961.0000 - 5988.0000 MHz		82K0G7W	63.81 dBW	COMMAND CARRIER
	6020.0000 - 6028.0000 MHz		82K0G7W	63.81 dBW	COMMAND CARRIER
	6040.0000 - 6077.0000 MHz		82K0G7W	63.81 dBW	COMMAND CARRIER
	6109.0000 - 6181.0000 MHz		82K0G7W	63.81 dBW	COMMAND CARRIER
	6420.0000 - 6421.0000 MHz		82K0G7W	63.81 dBW	COMMAND CARRIER
	6424.0000 - 6425.0000 MHz		82K0G7W	63.81 dBW	COMMAND CARRIER
	5925.0000 - 5929.0000 MHz		750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
	5961.0000 - 5988.0000 MHz		750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
	6020.0000 - 6028.0000 MHz		750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)

6040.0000 - 6077.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
6109.0000 - 6181.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
6420.0000 - 6421.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
6424.0000 - 6425.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
5961.0000 - 5988.0000 MHz	36M0F8W	77.30 dBW	ANALOG VIDEO
6040.0000 - 6077.0000 MHz	36M0F8W	77.30 dBW	ANALOG VIDEO
6109.0000 - 6181.0000 MHz	36M0F8W	77.30 dBW	ANALOG VIDEO
6020.0000 - 6028.0000 MHz	36M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
6109.0000 - 6181.0000 MHz	36M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
6420.0000 - 6421.0000 MHz	36M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
5925.0000 - 5929.0000 MHz	36M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
6040.0000 - 6077.0000 MHz	36M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
6424.0000 - 6425.0000 MHz	36M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
5961.0000 - 5988.0000 MHz	36M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
5925.0000 - 5929.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
5961.0000 - 5988.0000 MHz	18M0F8W	74.30 dBW	ANALOG VIDEO
5925.0000 - 5929.0000 MHz	4M00G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
6020.0000 - 6028.0000 MHz	8M00G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
5961.0000 - 5988.0000 MHz	27M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
ANTENNA ID: GC1	9 meters	VERTEX	9KPC
3700.0000 - 4200.0000 MHz	36M0F8W		ANALOG VIDEO
5691.0000 - 5988.0000 MHz	18M0F8W	74.30 dBW	ANALOG VIDEO
6040.0000 - 6077.0000 MHz	36M0F8W	77.30 dBW	ANALOG VIDEO
6109.0000 - 6181.0000 MHz	36M0F8W	77.30 dBW	ANALOG VIDEO
3700.0000 - 4200.0000 MHz	82K0G7W		COMMAND CARRIER
5929.0000 - 5929.0000 MHz	82K0G7W	63.81 dBW	COMMAND CARRIER

5961.0000 - 5988.0000 MHz	82K0G7W	63.81 dBW	COMMAND CARRIER
6020.0000 - 6028.0000 MHz	82K0G7W	63.81 dBW	COMMAND CARRIER
6040.0000 - 6077.0000 MHz	82K0G7W	63.81 dBW	COMMAND CARRIER
6109.0000 - 6181.0000 MHz	82K0G7W	63.81 dBW	COMMAND CARRIER
6420.0000 - 6421.0000 MHz	82K0G7W	63.81 dBW	COMMAND CARRIER
6424.0000 - 6425.0000 MHz	82K0G7W	63.81 dBW	COMMAND CARRIER
3700.0000 - 4200.0000 MHz	1M00G7W		DATA CARRIER (DIGITAL)
3700.0000 - 4200.0000 MHz	750KG7W		DATA CARRIER (DIGITAL)
5925.0000 - 5929.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
5925.0000 - 5929.0000 MHz	4M0G7W	77.30 dBW	COMPRESSED DIGITAL DATA
5925.0000 - 5929.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
5961.0000 - 5988.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
5961.0000 - 5988.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
6020.0000 - 6028.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
6020.0000 - 6028.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
6040.0000 - 6077.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
6040.0000 - 6077.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
6109.0000 - 6181.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
6109.0000 - 6181.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
6420.0000 - 6421.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
6420.0000 - 6421.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
6424.0000 - 6425.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
6424.0000 - 6425.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
6020.0000 - 6028.0000 MHz	8M00G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
3700.0000 - 4200.0000 MHz	36M0G7W		COMPRESSED VIDEO (DIGITAL)
5961.0000 - 5988.0000 MHz	27M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)

6040.0000 - 6077.0000 MHz	36M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
6109.0000 - 6181.0000 MHz	36M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
5925.0000 - 5929.0000 MHz	800KG2D	73.80 dBW	TELEMETRY, TRACKING, AND COMMAND (TT&C)
6424.0000 - 6425.0000 MHz	800KG2D	73.80 dBW	TELEMETRY, TRACKING, AND COMMAND (TT&C)

Points of Communication:

1 - EHOSTAR 1 - (77 W.L.)

1 - EHOSTAR 2 - (148 W.L.)

SES-STA-20090130-00113 E E020233 EchoStar Corporation
Special Temporary Authority
Class of Station:

EchoStar Corporation filed a request for special temporary authority for a 180-day period to perform telemetry, tracking, and command (TT&C) operations during the relocation of the EchoStar 1 satellite from the 148° W.L. orbital location to the 77.15° W.L. orbital location. EchoStar requests a waiver of Section 25.202(g) of the Commission's rules, 47 C.F.R. § 25.202(g), to conduct TT&C operations in conventional C-band frequencies during the relocation (specifically, 5926-5927 MHz and 6423-6424 MHz for command, and 4198.4-4198.6 MHz and 4199.4-4199.6 MHz for telemetry and tracking).

Points of Communication:

SES-STA-20090130-00114 E E980118 EchoStar Corporation
Special Temporary Authority
Class of Station:

EchoStar Corporation filed a request for special temporary authority for a 180-day period to perform telemetry, tracking, and command (TT&C) operations during the relocation of the EchoStar 1 satellite from the 148° W.L. orbital location to the 77.15° W.L. orbital location. EchoStar requests a waiver of Section 25.202(g) of the Commission's rules, 47 C.F.R. § 25.202(g), to conduct TT&C operations in conventional C-band frequencies during the relocation (specifically, 5926-5927 MHz and 6423-6424 MHz for command, and 4198.4-4198.6 MHz and 4199.4-4199.6 MHz for telemetry and tracking).

Points of Communication:

SES-STA-20090130-00115 E E080058 EchoStar Corporation
Special Temporary Authority
Class of Station:

EchoStar Corporation filed a request for special temporary authority for a 180-day period to perform telemetry, tracking, and command (TT&C) operations during the relocation of the EchoStar 1 satellite from the 148° W.L. orbital location to the 77.15° W.L. orbital location. EchoStar requests a waiver of Section 25.202(g) of the Commission's rules, 47 C.F.R. § 25.202(g), to conduct TT&C operations in conventional C-band frequencies during the relocation (specifically, 5926-5927 MHz and 6423-6424 MHz for command, and 4198.4-4198.6 MHz and 4199.4-4199.6 MHz for telemetry and tracking).

Points of Communication:

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