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SES-LIC-20090904-01126 E E090160 John A Taylor ( d/b/a J A Taylor & Associates )

Application for Authority

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

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

SITE ID: 1

LOCATION: P.O. Box 331 BOYERTOWN, PA 19512, VARIOUS

ANTENNA ID:	1	1.2 meters	ASC Signal	1.2m Auto
	14000.0000 - 14500.0000 MHz	24M0G7F	58.90 dBW	PSK Digital Video with digital audio/data

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-LIC-20090904-01130 E E090162 PetroCom License Corporation

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: East Breaks 160

LOCATION: East Breaks 160, Gulf of Mexico, LA  
27 ° 49 ' 59.00 " N LAT. 94 ° 33 ' 5.70 " W LONG.

ANTENNA ID:	Prod.2.4m	2.4 meters	Prodelin	1251
	3700.0000 - 4200.0000 MHz	470KG7W	0.00 dBW	Digital
	3700.0000 - 4200.0000 MHz	1M88G7W	0.00 dBW	Digital
	5925.0000 - 6425.0000 MHz	470KG7W	41.44 dBW	Digital
	5925.0000 - 6425.0000 MHz	1M88G7W	47.44 dBW	Digital

**Points of Communication:**

East Breaks 160 - ALSAT - (ALSAT)

East Breaks 160 - AMC-3 - (87 W.L.)

East Breaks 160 - SATMEX 6 - (113 W.L.)

East Breaks 160 - SATMEX-5 - (116.8 W.L.)

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SES-MFS-20090306-00253 E E080107 EchoStar Corporation

Modification

**Class of Station:** Other

**Nature of Service:** Direct Broadcast Satellite Service, Feeder Link in Fixed Satellite Service

EchoStar Corporation request to modify its earth station authorization to add the Canadian-licensed Nimiq 5 satellite as a point of communication.

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SITE ID: Multiple  
LOCATION: Operate up to 5,000,000 Receive-Only Earth Stations

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

**Points of Communication:**

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

Multiple - NIMIQ 5 - (72.7 W.L.)

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**SES-MFS-20090306-00254**                      E E080007                      EchoStar Corporation

Modification

**Class of Station:**                      Fixed Earth Stations

**Nature of Service:**                      Direct Broadcast Satellite Service, Feeder Link in Fixed Satellite Service

EchoStar Corporation request to modify its earth station authorization to add the Canadian-licensed Nimiq 5 satellite as a point of communication.

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	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
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	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
17310.0000 - 17790.0000 MHz	24M0G7W	86.00 dBW	Digital Data and Compressed Video
12200.0000 - 12210.0000 MHz	1M50G2D	0.00 dBW	Telemetry

**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.)

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Gilbert - NIMIQ 5 - (72.7 W.L.)

Gilbert - RAINBOW1 - (61.5 W.L.)

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**SES-MFS-20090306-00255** E E070014 EchoStar Corporation

Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Direct Broadcast Satellite Service, Feeder Link in Fixed Satellite Service

EchoStar Corporation request to modify its earth station authorization to add the Canadian-licensed Nimiq 5 satellite as a point of communication.

**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

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

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**SES-REG-20090904-01129** E E090161 Service Electric Cablevision, Inc.

Registration

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 3662 Point Township Drive, Northumberland, Northumberland, PA  
 40 ° 57 ' 2.00 " N LAT. 76 ° 40 ' 9.00 " W LONG.

ANTENNA ID:	A1	5 meters	DH Satellite	5 Meter
	3700.0000 - 4200.0000 MHz	36M0F8W		Analog Video with Associated Audio Subcarriers
	3700.0000 - 4200.0000 MHz	2M00G7W		Digital Audio and Video
	3700.0000 - 4200.0000 MHz	36M0G7W		Digital Audio and Video

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**Points of Communication:**

1 - ALSAT - (ALSAT)

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