
SES-RWL-20110209-00142 E E990291 Sirius XM Radio Inc.
Renewal 03/20/2011 - 03/20/2026
Grant of Authority Date Effective: 02/18/2011

Class of Station: Fixed Earth Stations

Nature of Service: Satellite Digital Audio Radio Service

SITE ID: 1
LOCATION: 24 VERNON CROSSING ROAD, SUSSEX, VERNON, NJ
41 ° 12 ' 44.90 " N LAT. 74 ° 29 ' 41.30 " W LONG.

ANTENNA ID:	FEEDERS	4.5 meters	VERTEX	4.5 KPX/S	
	7068.0000 - 7072.5000 MHz		4M50G7E	80.20 dBW	TDM QPSK DARS FEEDER
	7060.0000 - 7064.5000 MHz		4M50G7E	80.20 dBW	TDM QPSK DARS FEEDER
	2328.0000 - 2332.5000 MHz		4M50G7E		TDM QPSK DARS/ANCILLARY
	2320.0000 - 2324.5000 MHz		4M50G7E		TDM QPSK DARS/ANCILLARY

Points of Communication:

1 - USASAT-28C - (NGSO)

SES-RWL-20110210-00140 E E910250 Pacific and Southern Company, Inc.
Renewal 04/05/2011 - 04/05/2026
Grant of Authority Date Effective: 02/18/2011

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 6027 GARNERS FERRY ROAD, RICHLAND, COLUMBIA, SC
33 ° 59 ' 0.00 " N LAT. 80 ° 57 ' 56.00 " W LONG.

ANTENNA ID:	1	4.6 meters	VERTEX	2.4 DMK	
	14000.0000 - 14500.0000 MHz		36M0F3F	72.40 dBW	
	14000.0000 - 14500.0000 MHz		24M0G7W	68.60 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO/VOICE/DATA.
	11700.0000 - 12200.0000 MHz		36M0F3F		

Points of Communication:

1 - ALSAT - (ALSAT)

ELLENWOOD - ALSAT - (ALSAT)

SES-RWL-20110211-00145 E E990365 Intelsat License LLC
Renewal
Grant of Authority

03/22/2011 - 03/22/2026
Date Effective: 02/22/2011

Class of Station: Fixed Earth Stations

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

SITE ID: 1 ATLANTA

LOCATION: 2857 FORK CREEK CHURCH ROAD ("AK-8"), DEKALB, ELLENWOOD, GA
33 ° 39 ' 52.00 " N LAT. 84 ° 16 ' 14.00 " W LONG.

ANTENNA ID:	AK-8	13.1 meters	VERTEX	13KPK
	13750.0000 - 14500.0000 MHz	750KF2D	85.00 dBW	COMMAND CARRIER
	13750.0000 - 14500.0000 MHz	36M0F8F	85.00 dBW	ANALOG VIDEO
	13750.0000 - 14500.0000 MHz	18M0F8F	82.00 dBW	ANALOG VIDEO
	13750.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	DIGITAL VIDEO & DATA
	13750.0000 - 14500.0000 MHz	64K0G7W	68.00 dBW	DIGITAL VIDEO & DATA
	11700.0000 - 12200.0000 MHz	750KF2D		
	11700.0000 - 12200.0000 MHz	36M0F8W		
	11700.0000 - 12200.0000 MHz	18M0F8F		
	11700.0000 - 12200.0000 MHz	36M0G7W		
	11700.0000 - 12200.0000 MHz	64K0G7W		
	11450.0000 - 11700.0000 MHz	750KF2D		
	11450.0000 - 11700.0000 MHz	36M0F8W		
	11450.0000 - 11700.0000 MHz	18M0F8F		
	11450.0000 - 11700.0000 MHz	36M0G7W		
	11450.0000 - 11700.0000 MHz	64K0G7W		
	10950.0000 - 11200.0000 MHz	750KF2D		
	10950.0000 - 11200.0000 MHz	36M0F8W		
	10950.0000 - 11200.0000 MHz	18M0F8F		

10950.0000 - 11200.0000 MHz 36M0G7W

10950.0000 - 11200.0000 MHz 64K0G7W

Points of Communication:

1 ATLANTA - ALSAT - (ALSAT)

1 ATLANTA - PAS-3R - (43.0 W.L.)

SES-RWL-20110211-00146 E E990092 Intelsat License LLC

Renewal

03/26/2011 - 03/26/2026

Grant of Authority

Date Effective: 02/22/2011

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: ELLENWOOD

LOCATION: 2857 FORK CREEK CHURCH ROAD, DEKALB, ATLANTA, GA

33 ° 39 ' 59.00 " N LAT.

84 ° 16 ' 19.00 " W LONG.

ANTENNA ID:	AK-5	11 meters	VERTEX	11 KPK	
14000.0000 - 14500.0000 MHz			36M0F8F	77.00 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz			18M0F8F	74.00 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz			36M0G7W	85.00 dBW	DIGITAL VIDEO AND DATA
14000.0000 - 14500.0000 MHz			3M00G7W	75.00 dBW	DIGITAL VIDEO AND DATA
14000.0000 - 14500.0000 MHz			64K0G7W	60.50 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz			750KF2D	73.00 dBW	COMMAND
14000.0000 - 14500.0000 MHz			36M0G7W	78.30 dBW	VSAT HUB IP VIDEO AND DATA
13750.0000 - 14000.0000 MHz			36M0F8F	85.00 dBW	ANALOG VIDEO
13750.0000 - 14000.0000 MHz			18M0F8F	82.00 dBW	ANALOG VIDEO
13750.0000 - 14000.0000 MHz			36M0G7W	85.00 dBW	DIGITAL VIDEO AND DATA
13750.0000 - 14000.0000 MHz			3M00G7W	75.00 dBW	DIGITAL VIDEO AND DATA
13750.0000 - 14000.0000 MHz			64K0G7W	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz			750KF2D	73.13 dBW	COMMAND
12750.0000 - 13250.0000 MHz			36M0F8F	85.00 dBW	ANALOG VIDEO
12750.0000 - 13250.0000 MHz			18M0F8F	82.00 dBW	ANALOG VIDEO

12750.0000 - 13250.0000 MHz	36M0G7W	85.00 dBW	DIGITAL VIDEO AND DATA
12750.0000 - 13250.0000 MHz	3M00G7W	75.00 dBW	DIGITAL VIDEO AND DATA
12750.0000 - 13250.0000 MHz	64K0G7W	68.00 dBW	DIGITAL DATA
12750.0000 - 13250.0000 MHz	750KF2D	85.00 dBW	COMMAND
11700.0000 - 12200.0000 MHz	36M0F8F		ANALOG VIDEO
11700.0000 - 12200.0000 MHz	18M0F8F		ANALOG VIDEO
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL VIDEO AND DATA
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL DATA
11700.0000 - 12200.0000 MHz	750KF2D		COMMAND
11700.0000 - 12200.0000 MHz	10M3G1W		VSAT HUB IP VIDEO AND DATA
11700.0000 - 12200.0000 MHz	540KG1W		VSAT HUB IP VIDEO AND DATA
11450.0000 - 11452.0000 MHz	82K0F2D	63.50 dBW	RANGING CARRIER
11450.0000 - 11452.0000 MHz	82K0F2D		RANGING CARRIER
10700.0000 - 11200.0000 MHz	36M0F8F		ANALOG VIDEO
10700.0000 - 11200.0000 MHz	18M0F8F		ANALOG VIDEO
10700.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO AND DATA
10700.0000 - 11200.0000 MHz	3M00G7W		DIGITAL VIDEO AND DATA
10700.0000 - 11200.0000 MHz	64K0G7W		DIGITAL DATA
10700.0000 - 11200.0000 MHz	750KF2D		COMMAND

Points of Communication:

ELLENWOOD - HORIZONS 1 - (127 WL)

ELLENWOOD - PAS-9 - (58.0 W.L.)

SES-RWL-20110211-00147 E E900757 Intelsat License LLC

Renewal

03/29/2011 - 03/29/2026

Grant of Authority

Date Effective: 02/22/2011

Class of Station: Fixed Earth Stations

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

SITE ID: 1
 LOCATION: VENTURA, FILLMORE, CA
 34 ° 24 ' 22.00 " N LAT. 118 ° 53 ' 34.00 " W LONG.

ANTENNA ID:	1	7.2 meters	VERTEX	7.2 KPC
5925.0000 - 6425.0000 MHz	36M0F8F	77.70 dBW	TVFM (36 MHz bandwidth video signal)	
5925.0000 - 6425.0000 MHz	36M0G7W	77.70 dBW	High speed data (60.4 Mbps QPSK)	
5925.0000 - 6425.0000 MHz	1M34G7W	73.70 dBW	Digital data (1.544 Mbps QPSK)	
5925.0000 - 6425.0000 MHz	500KG7W	69.50 dBW	Digital data (512 kbps QPSK)	
5925.0000 - 6425.0000 MHz	250KG7W	66.50 dBW	Digital data (256 kbps QPSK)	
5925.0000 - 6425.0000 MHz	48K0G7W	56.80 dBW	Digital data (56 kbps BPSK)	
5925.0000 - 6425.0000 MHz	200KF8E	62.80 dBW	Wideband Audio (200 KHz FM)	
5925.0000 - 6425.0000 MHz	50K0F8E	56.80 dBW	Narrowband Audio (50 KHz FM)	
3700.0000 - 4200.0000 MHz	36M0F8F	TVFM (36 MHz bandwidth video signal)		
3700.0000 - 4200.0000 MHz	36M0G7W	High speed data (60.4 Mbps QPSK)		
3700.0000 - 4200.0000 MHz	1M34G7W	Digital data (1.544 Mbps QPSK)		
3700.0000 - 4200.0000 MHz	500KG7W	Digital data (512 kbps QPSK)		
3700.0000 - 4200.0000 MHz	250KG7W	Digital data (256 kbps QPSK)		
3700.0000 - 4200.0000 MHz	48K0G7W	Digital data (56 kbps BPSK)		
3700.0000 - 4200.0000 MHz	200KF8E	Wideband Audio (200 KHz FM)		
3700.0000 - 4200.0000 MHz	50K0F8E	Narrowband Audio (50 KHz FM)		

Points of Communication:

1 - ALSAT - (ALSAT)

SES - RWL - 20110217 - 00175 E E910152 Ascent Media Network Services, LLC
 Renewal 03/22/2011 - 03/22/2026
 Grant of Authority Date Effective: 02/18/2011

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
 LOCATION: 183 OAKTREE ROAD, ROCKLAND, TAPPAN, NY
 41 ° 0 ' 58.00 " N LAT. 73 ° 56 ' 33.00 " W LONG.

ANTENNA ID:	1	11 meters	VERTEX	11KPC
	5925.0000 - 6425.0000 MHz		36M0F3F	84.90 dBW
	3700.0000 - 4200.0000 MHz		36M0F3F	

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20110217-00176	E E2718	ETERNAL WORD TELEVISION NETWORK, INC.	
Renewal			01/19/2011 - 01/19/2026
Grant of Authority			Date Effective: 02/18/2011

Class of Station: Fixed Earth Stations

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

SITE ID: 1
 LOCATION: 5817 OLD LEEDS ROAD, JEFFERSON, BIRMINGHAM, AL
 33 ° 31 ' 57.00 " N LAT. 86 ° 40 ' 27.00 " W LONG.

ANTENNA ID:	1	10 meters	SCIENTIFIC ATLANTA	8002S
	5925.0000 - 6425.0000 MHz		36M0F8W	80.50 dBW
	5925.0000 - 6425.0000 MHz		36M0F3W	80.50 dBW
	5925.0000 - 6425.0000 MHz		28M8G7W	83.50 dBW
	5925.0000 - 6425.0000 MHz		21M0G7W	83.50 dBW
	5925.0000 - 6425.0000 MHz		18M0G7W	83.50 dBW
	5925.0000 - 6425.0000 MHz		14M0G7W	83.50 dBW
	5925.0000 - 6425.0000 MHz		8M00G7W	83.50 dBW
	5925.0000 - 6425.0000 MHz		4M00G7W	83.50 dBW
	3700.0000 - 4200.0000 MHz			

ANTENNA ID:	2	9 meters	VERTEX	9.0 KPC
	5925.0000 - 6425.0000 MHz		36M0F8W	80.50 dBW
	5925.0000 - 6425.0000 MHz		36M0F3W	80.50 dBW
	5925.0000 - 6425.0000 MHz		28M8G7W	83.50 dBW
	5925.0000 - 6425.0000 MHz		21M0G7W	83.50 dBW

5925.0000 - 6425.0000 MHz	18M0G7W	83.50 dBW	DIGITAL
5925.0000 - 6425.0000 MHz	14M0G7W	83.50 dBW	DIGITAL
5925.0000 - 6425.0000 MHz	8M00G7W	83.50 dBW	DIGITAL
5925.0000 - 6425.0000 MHz	4M00G7W	83.50 dBW	DIGITAL
3700.0000 - 4200.0000 MHz			

Points of Communication:

1 - ALSAT - (ALSAT)

1 - ANIK -

1 - INTAOR - (AOR)

SES - RWL - 20110217 - 00177	E E2941	Ascent Media Network Services, LLC	03/18/2011 - 03/18/2026
Renewal			Date Effective: 02/18/2011
Grant of Authority			

Class of Station: Fixed Earth Stations

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

SITE ID: 1
LOCATION: 2813 W. Alameda Avenue, LOS ANGELES, BURBANK, CA
34 ° 9 ' 27.00 " N LAT. 118 ° 19 ' 53.00 " W LONG.

ANTENNA ID: 1	10 meters	SCIENTIFIC ATLANTA	8002
5925.0000 - 6425.0000 MHz	36M0F3F	81.00 dBW	ANALOG
5925.0000 - 6425.0000 MHz	4M50G1W	81.00 dBW	DIGITAL
5925.0000 - 6425.0000 MHz	9M00G1W	81.00 dBW	DIGITAL
5925.0000 - 6425.0000 MHz	26M0G7W	81.00 dBW	DIGITAL
5925.0000 - 6425.0000 MHz	36M0G7W	81.00 dBW	QPSK DIGITAL VIDEO AND DATA
3700.0000 - 4200.0000 MHz	36M0F3F		ANALOG
3700.0000 - 4200.0000 MHz	4M50G1W		DIGITAL
3700.0000 - 4200.0000 MHz	9M00G1W		DIGITAL
3700.0000 - 4200.0000 MHz	26M0G7W		DIGITAL
3700.0000 - 4200.0000 MHz	36M0G7W		QPSK DIGITAL VIDEO AND DATA

ANTENNA ID: 2	9.2 meters	SATCOM TECH	920CS
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5925.0000 - 6425.0000 MHz	36M0F3F	80.00 dBW	ANALOG
5925.0000 - 6425.0000 MHz	4M50G1W	80.00 dBW	DIGITAL
5925.0000 - 6425.0000 MHz	9M00G1W	80.00 dBW	DIGITAL
5925.0000 - 6425.0000 MHz	26M0G7W	80.00 dBW	DIGITAL
5925.0000 - 6425.0000 MHz	36M0G7W	80.00 dBW	QPSK DIGITAL VIDEO AND DATA
3700.0000 - 4200.0000 MHz	36M0F3F		ANALOG
3700.0000 - 4200.0000 MHz	4M50G1W		DIGITAL
3700.0000 - 4200.0000 MHz	9M00G1W		DIGITAL
3700.0000 - 4200.0000 MHz	26M0G7W		DIGITAL
3700.0000 - 4200.0000 MHz	36M0G7W		QPSK DIGITAL VIDEO AND DATA
ANTENNA ID: 3	4.1 meters	COMTECH	"18FT OFFSAT"-847130
5925.0000 - 6425.0000 MHz	36M0F3F	72.40 dBW	ANALOG
5925.0000 - 6425.0000 MHz	4M50G1W	75.70 dBW	DIGITAL
5925.0000 - 6425.0000 MHz	9M00G1W	75.70 dBW	DIGITAL
5925.0000 - 6425.0000 MHz	26M0G7W	75.70 dBW	DIGITAL
5925.0000 - 6425.0000 MHz	36M0G7W	75.70 dBW	QPSK DIGITAL VIDEO AND DATA
3700.0000 - 4200.0000 MHz	36M0F3F		ANALOG
3700.0000 - 4200.0000 MHz	4M50G1W		DIGITAL
3700.0000 - 4200.0000 MHz	9M00G1W		DIGITAL
3700.0000 - 4200.0000 MHz	26M0G7W		DIGITAL
3700.0000 - 4200.0000 MHz	36M0G7W		QPSK DIGITAL VIDEO AND DATA
ANTENNA ID: KU 1	3.7 meters	ANDREW	ESA37
14000.0000 - 14500.0000 MHz	27M7G7W	77.20 dBW	QPSK, DIGITAL VIDEO, DATA
14000.0000 - 14500.0000 MHz	20M8G7W	76.00 dBW	QPSK, DIGITAL VIDEO, DATA
14000.0000 - 14500.0000 MHz	18M4G7W	75.40 dBW	QPSK, DIGITAL VIDEO, DATA
14000.0000 - 14500.0000 MHz	13M8G7W	74.20 dBW	QPSK, DIGITAL VIDEO, DATA

14000.0000 - 14500.0000 MHz	11M5G7W	73.40 dBW	QPSK, DIGITAL VIDEO, DATA
14000.0000 - 14500.0000 MHz	9M23G7W	72.40 dBW	QPSK, DIGITAL VIDEO, DATA
14000.0000 - 14500.0000 MHz	7M69G7W	71.60 dBW	QPSK, DIGITAL VIDEO, DATA
14000.0000 - 14500.0000 MHz	6M15G7W	70.70 dBW	QPSK, DIGITAL VIDEO, DATA
14000.0000 - 14500.0000 MHz	4M62G7W	69.40 dBW	QPSK, DIGITAL VIDEO, DATA
14000.0000 - 14500.0000 MHz	2M08G1D	66.00 dBW	QPSK, DATA
11700.0000 - 12200.0000 MHz	36M0F8F		FM, ANALOG VIDEO WITH AUDIO SUBCARRIERS
11700.0000 - 12200.0000 MHz	27M7G7W		QPSK, DIGITAL VIDEO, DATA
11700.0000 - 12200.0000 MHz	20M8G7W		QPSK, DIGITAL VIDEO, DATA
11700.0000 - 12200.0000 MHz	18M4G7W		QPSK, DIGITAL VIDEO, DATA
11700.0000 - 12200.0000 MHz	13M8G7W		QPSK, DIGITAL VIDEO, DATA
11700.0000 - 12200.0000 MHz	11M5G7W		QPSK, DIGITAL VIDEO, DATA
11700.0000 - 12200.0000 MHz	9M23G7W		QPSK, DIGITAL VIDEO, DATA
11700.0000 - 12200.0000 MHz	7M69G7W		QPSK, DIGITAL VIDEO, DATA
11700.0000 - 12200.0000 MHz	6M15G7W		QPSK, DIGITAL VIDEO, DATA
11700.0000 - 12200.0000 MHz	4M62G7W		QPSK, DIGITAL VIDEO, DATA
11700.0000 - 12200.0000 MHz	2M08G1D		QPSK, DIGITAL VIDEO, DATA

Points of Communication:

1 - ALSAT - (ALSAT)

1 - ANIK -

1 - MOR/SOL -

SES-STA-20110126-00057 E UNIVERSAL SPACE NETWORK, INC.

Special Temporary Authority

Grant of Authority

Date Effective: 02/16/2011

Class of Station:

Special Temporary Authority is GRANTED with conditions for a period beginning February 16, 2011 and ending February 27, 2011.

Points of Communication:

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