
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
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SITE ID: 2
LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI

ANTENNA ID: TF 2	1 meters	Cobham SATCOM	7100
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29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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29500.0000 - 30000.0000 MHz	5M00G1W	54.90 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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29500.0000 - 30000.0000 MHz	4M18G7W	54.90 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
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SITE ID: 3
LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI

ANTENNA ID: Fixed 3	0.85 meters	L3	Cheetah II
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29500.0000 - 30000.0000 MHz	460KG7W	44.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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29500.0000 - 30000.0000 MHz	5M00G1W	53.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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29500.0000 - 30000.0000 MHz	3M99G7W	53.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
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SITE ID: 5
LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI

ANTENNA ID: Fixed 5	0.69 meters	Paradigm/SWT	Connect 70
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29500.0000 - 30000.0000 MHz	460KG7W	43.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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29500.0000 - 30000.0000 MHz	5M00G1W	51.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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29500.0000 - 30000.0000 MHz	3M24G7W	51.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
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19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
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SITE ID: 6
LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI

ANTENNA ID:	Fixed 6	0.65 meters	SWT	Atom 65GX/01
	29500.0000 - 30000.0000 MHz	460KG7W	42.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	49.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	2M40G7W	49.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

ANTENNA ID:	TF 6	0.65 meters	SWT	Atom 65AAGX/01
	29500.0000 - 30000.0000 MHz	460KG7W	42.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	49.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	2M40G7W	49.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

SITE ID: 7
LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI

ANTENNA ID:	Fixed 7A	0.934 meters	Paradigm/SWT	Connect 100
	29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	3M03G7W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

ANTENNA ID:	TF 7	0.934 meters	Paradigm/SWT	Connect 100T
	29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	3M03G7W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
ANTENNA ID: Fixed 7B	0.934 meters	Paradigm/SWT	SKY98GX/01
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	3M03G7W	53.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

SITE ID: 8
LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI

ANTENNA ID: Fixed 8A	1.8 meters	Paradigm/SWT	Connect 180
29500.0000 - 30000.0000 MHz	460KG7W	52.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	59.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	2M51G7W	59.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

ANTENNA ID: Fixed 8B	1.8 meters	Paradigm/SWT	SKY180GX/01
29500.0000 - 30000.0000 MHz	460KG7W	52.00 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	59.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	2M51G7W	59.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link

SITE ID: 9
LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI

ANTENNA ID: Fixed 9	0.89 meters	SKYWARE TECHNOLOGIES	ATOM 99
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

29500.0000 - 30000.0000 MHz	4M18G7W	54.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link
ANTENNA ID: TF 9	0.89 meters	SYKYWARE TECHNOLOGIES	ATOM 99
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	4M18G7W	54.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link
SITE ID: 4	LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI		
ANTENNA ID: Fixed 4	1.2 meters	L3	Hawkeye III Lite
29500.0000 - 30000.0000 MHz	460KG7W	46.80 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	56.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	4M18G7W	56.40 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various modulation up to 32 APSK Digital Data Link
SITE ID: 10	LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI		
ANTENNA ID: Fixed 10	0.75 meters	DATA PATH	QCT90GX
29500.0000 - 30000.0000 MHz	1M54G7W	51.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	5M00G1W	51.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

ANTENNA ID:	TF10	0.75 meters	DATA PATH	QCT90GX
	29500.0000 - 30000.0000 MHz	1M54G7W	51.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	51.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 11
LOCATION: 4000 Blanket Terminals, CONUS, PR, USVI

ANTENNA ID:	Fixed 11	1 meters	DATA PATH	CCT120GX
	29500.0000 - 30000.0000 MHz	1M52G7W	54.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	54.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

ANTENNA ID:	TF11	1 meters	DATA PATH	CCT120GX
	29500.0000 - 30000.0000 MHz	1M52G7W	54.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	460KG7W	45.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	5M00G1W	54.60 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 12
LOCATION: 4000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID:	Fixed 12	0.45 meters	PARADIGM	SWARM45
	29500.0000 - 30000.0000 MHz	1M21G7W	46.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
	29500.0000 - 30000.0000 MHz	2M42G7W	46.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling

19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link
ANTENNA ID: TF12	0.45 meters	PARADIGN	SWARM-45
29500.0000 - 30000.0000 MHz	1M21G7W	46.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	2M42G7W	46.20 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

SITE ID: 13
LOCATION: 1000 Blanket Terminals CONUS, PR, USVI, AK, HI, US TERRITORIES

ANTENNA ID: Fixed 13	1 meters	COBHAM	EXPLORER8100GX
29500.0000 - 30000.0000 MHz	1M87G7W	55.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
29500.0000 - 30000.0000 MHz	953KG7W	52.30 dBW	Various modulation up to 32 APSK Digital Data Link/Data Signalling
19700.0000 - 20200.0000 MHz	32M0G7W		Various modulation up to 32 APSK Digital Data Link

Points of Communication:

- 1 - INMARSAT 5F2 - (55.0 W.L.)
- 1 - INMARSAT 5F3 - (179.6 E.L.)
- 10 - INMARSAT 5F2 - (55.0 W.L.)
- 10 - INMARSAT 5F3 - (179.6 E.L.)
- 11 - INMARSAT 5F2 - (55.0 W.L.)
- 11 - INMARSAT 5F3 - (179.6 E.L.)
- 12 - INMARSAT 5F2 - (55.0 W.L.)
- 12 - INMARSAT 5F3 - (179.6 E.L.)
- 13 - INMARSAT 5F2 - (55.0 W.L.)
- 13 - INMARSAT 5F3 - (179.6 E.L.)
- 2 - INMARSAT 5F2 - (55.0 W.L.)
- 2 - INMARSAT 5F3 - (179.6 E.L.)
- 3 - INMARSAT 5F2 - (55.0 W.L.)
- 3 - INMARSAT 5F3 - (179.6 E.L.)

- 4 - INMARSAT 5F2 - (55.0 W.L.)
- 4 - INMARSAT 5F3 - (179.6 E.L.)
- 5 - INMARSAT 5F2 - (55.0 W.L.)
- 5 - INMARSAT 5F3 - (179.6 E.L.)
- 6 - INMARSAT 5F2 - (55.0 W.L.)
- 6 - INMARSAT 5F3 - (179.6 E.L.)
- 7 - INMARSAT 5F2 - (55.0 W.L.)
- 7 - INMARSAT 5F3 - (179.6 E.L.)
- 8 - INMARSAT 5F2 - (55.0 W.L.)
- 8 - INMARSAT 5F3 - (179.6 E.L.)
- 9 - INMARSAT 5F2 - (55.0 W.L.)
- 9 - INMARSAT 5F3 - (179.6 E.L.)

SES-MOD-20180327-00277 E E040004 RCN License Subsidiary, Inc.

Application for Modification

04/26/2004 - 04/26/2019

Grant of Authority

Date Effective: 05/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1200 Futurity Drive, Dona Ana, Sunland Park, NM

31 ° 48 ' 16.60 " N LAT.

106 ° 33 ' 31.70 " W LONG.

ANTENNA ID:	1	3.8 meters	Prodelin	1383
	5925.0000 - 6425.0000 MHz		1M20G7W	57.57 dBW
				Digital traffic, various FEC, modulations and data rates
	5925.0000 - 6425.0000 MHz		36M0G7W	71.57 dBW
				Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		1M20G7W	0.00 dBW
				Digital traffic, various FEC, modulations and data rates
	3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW
				Digital traffic, various FEC, modulations and data rates

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180327-00280 E E180066 WQAD License, LLC
Registration 03/27/2018 - 03/27/2033
Grant of Authority Date Effective: 05/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2880 N. 1100 Ave., Rock Island, Orion, IL
41 ° 18 ' 44.30 " N LAT. 90 ° 22 ' 40.40 " W LONG.

ANTENNA ID: 1 7.3 meters Andrew 7.3 meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180327-00281 E E180067 KTVI License, LLC
Registration 03/27/2018 - 03/27/2033
Grant of Authority Date Effective: 05/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2250 Ball Drive, St. Louis, Maryland Heights, MO
38 ° 42 ' 7.00 " N LAT. 90 ° 25 ' 8.00 " W LONG.

ANTENNA ID: 1 4.5 meters DH AZ/EL 4.5 meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180327-00282 E E180068 KTVI License, LLC
Registration 03/27/2018 - 03/27/2033
Grant of Authority Date Effective: 05/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Emil Avenue, St. Louis, Sappington, MO
38 ° 32 ' 7.00 " N LAT. 90 ° 22 ' 23.00 " W LONG.

ANTENNA ID: 1 3.7 meters DH Satellite 3.7 meter

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180327-00283 E E180069 Tribune Broadcasting Denver License, LLC

Registration

03/27/2018 - 03/27/2033

Grant of Authority

Date Effective: 05/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 100 East Speer Blvd, Denver, Denver, CO

39 ° 43 ' 29.70 " N LAT.

104 ° 59 ' 9.10 " W LONG.

ANTENNA ID: 1

4.5 meters

Andrew

ESA45-4A

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180327-00284 E E180070 WGN Continental Broadcasting Company, LLC

Registration

03/27/2018 - 03/27/2033

Grant of Authority

Date Effective: 05/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 720 Rohlwing Road, Cook, Elk Grove Village, IL

42 ° 0 ' 41.30 " N LAT.

88 ° 1 ' 57.00 " W LONG.

ANTENNA ID: 1

3.8 meters

Comtech

3.8 meter

3700.0000 - 4200.0000 MHz

36M0G7W

Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180327-00285 E E180071 WQAD License, LLC

Registration

03/27/2018 - 03/27/2033

Grant of Authority

Date Effective: 05/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3003 Park 16th Street, Rock Island, Moline, IL
41 ° 28 ' 54.90 " N LAT. 90 ° 30 ' 44.10 " W LONG.

ANTENNA ID: 1 4.5 meters DH Satellite 4.5 meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180328-00291 E Amb-OS Media, LLC
Registration 03/28/2018 - 03/28/2033
Grant of Authority Date Effective: 05/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1641 Langley Ave, Orange, Irvine, CA
33 ° 41 ' 50.00 " N LAT. 117 ° 50 ' 50.40 " W LONG.

ANTENNA ID: 1 3.1 meters Patriot 3.1 meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital Broadcast Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180330-00296 E E180073 Educational Media Foundation
Registration 03/30/2018 - 03/30/2033
Grant of Authority Date Effective: 05/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1348 Campbell Road, Davidson, Goodlettsville, TN
36 ° 17 ' 50.20 " N LAT. 86 ° 45 ' 11.00 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 36M0G7W Digital / Analog carriers : various FEC,
data rates and modulation
3700.0000 - 4200.0000 MHz 36M0F3W Digital / Analog carriers : various FEC,
data rates and modulation
3700.0000 - 4200.0000 MHz 30M0G7W Digital / Analog carriers : various FEC,
data rates and modulation

3700.0000 - 4200.0000 MHz

30M0F3W

Digital / Analog carriers : various FEC,
data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180330-00297 E E180074 Educational Media Foundation

Registration

03/30/2018 - 03/30/2033

Grant of Authority

Date Effective: 05/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: McCracken Road, Mercer, Greenville, PA

41 ° 22 ' 50.20 " N LAT.

80 ° 24 ' 47.20 " W LONG.

ANTENNA ID: 1

3.7 meters

Prodelin

1374

3700.0000 - 4200.0000 MHz

36M0G7W

Digital / Analog carriers : various FEC,
data rates and modulation

3700.0000 - 4200.0000 MHz

36M0F3W

Digital / Analog carriers : various FEC,
data rates and modulation

3700.0000 - 4200.0000 MHz

30M0G7W

Digital / Analog carriers : various FEC,
data rates and modulation

3700.0000 - 4200.0000 MHz

30M0F3W

Digital / Analog carriers : various FEC,
data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180330-00298 E E180075 Educational Media Foundation

Registration

03/30/2018 - 03/30/2033

Grant of Authority

Date Effective: 05/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1595 Box Ranch Road, McLennan, Moody, TX

31 ° 23 ' 2.30 " N LAT.

97 ° 16 ' 38.30 " W LONG.

ANTENNA ID: 1

3.7 meters

Prodelin

1374

3700.0000 - 4200.0000 MHz

36M0G7W

Digital / Analog carriers : various FEC,
data rates and modulation

SITE ID: 1
LOCATION: 2601 W 8th Street, Hamilton, Cincinnati, OH
39 ° 6 ' 18.20 " N LAT. 84 ° 33 ' 24.80 " W LONG.

ANTENNA ID:	1	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0F3W	Digital / Analog carriers : various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30M0F3W	Digital / Analog carriers : various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180330-00303	E	E180080	Educational Media Foundation	
Registration				03/30/2018 - 03/30/2033
Grant of Authority				Date Effective: 05/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 42 Union Church Road, Covington, Seminary, MS
31 ° 30 ' 4.50 " N LAT. 89 ° 28 ' 32.80 " W LONG.

ANTENNA ID:	1	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0F3W	Digital / Analog carriers : various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30M0F3W	Digital / Analog carriers : various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180330-00304 E E180098 Educational Media Foundation
Registration 03/30/2018 - 03/30/2033
Grant of Authority Date Effective: 05/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1751 Screaming Eagle Road, Kershaw, Lugoff, SC
34 ° 5 ' 49.50 " N LAT. 80 ° 45 ' 50.30 " W LONG.

ANTENNA ID:	1	3.7 meters	Prodelin	1374
3700.0000 - 4200.0000 MHz			36M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz			36M0F3W	Digital / Analog carriers : various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz			30M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz			30M0F3W	Digital / Analog carriers : various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180402-00308 E E180083 Educational Media Foundation
Registration 04/02/2018 - 04/02/2033
Grant of Authority Date Effective: 05/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2215A Bayou Blue Road, Terrebonne Parish, Houma, LA
29 ° 38 ' 52.00 " N LAT. 90 ° 41 ' 34.00 " W LONG.

ANTENNA ID:	1	3.7 meters	Prodelin	1374
3700.0000 - 4200.0000 MHz			36M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz			36M0F3W	Digital / Analog carriers : various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz			30M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz			30M0F3W	Digital / Analog carriers : various FEC, data rates and modulation

3700.0000 - 4200.0000 MHz	30M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
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3700.0000 - 4200.0000 MHz	30M0F3W	Digital / Analog carriers : various FEC, data rates and modulation
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Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180402-00311	E E180086	Educational Media Foundation	04/02/2018 - 04/02/2033
Registration			Date Effective: 05/08/2018
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 10380 Lantana Road, Palm Beach, Lake Worth, FL
26 ° 35 ' 21.80 " N LAT. 80 ° 12 ' 43.70 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz	36M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
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3700.0000 - 4200.0000 MHz	36M0F3W	Digital / Analog carriers : various FEC, data rates and modulation
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3700.0000 - 4200.0000 MHz	30M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
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3700.0000 - 4200.0000 MHz	30M0F3W	Digital / Analog carriers : various FEC, data rates and modulation
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Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180402-00312	E E180087	Educational Media Foundation	04/02/2018 - 04/02/2033
Registration			Date Effective: 05/08/2018
Grant of Authority			

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 740 County Road 41, Larimer, Bellevue, CO
40 ° 37 ' 0.50 " N LAT. 105 ° 19 ' 43.40 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz	36M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	36M0F3W	Digital / Analog carriers : various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	30M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	30M0F3W	Digital / Analog carriers : various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180402-00313 E E180088 Educational Media Foundation
 Registration 04/02/2018 - 04/02/2033
 Grant of Authority Date Effective: 05/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 21298 Cater Road, Lee, Estero, FL
 26 ° 25 ' 21.30 " N LAT. 81 ° 37 ' 49.40 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1374

3700.0000 - 4200.0000 MHz	36M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	36M0F3W	Digital / Analog carriers : various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	30M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz	30M0F3W	Digital / Analog carriers : various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180402-00314 E E180089 Educational Media Foundation
 Registration 04/02/2018 - 04/02/2033
 Grant of Authority Date Effective: 05/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Palehua Road, Honolulu, Kapolei, HI
21 ° 23 ' 39.50 " N LAT. 158 ° 5 ' 50.60 " W LONG.

ANTENNA ID:	1	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0F3W	Digital / Analog carriers : various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30M0F3W	Digital / Analog carriers : various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

~~SES-REG-20180402-00315~~ E E180090 Educational Media Foundation
Registration 04/02/2018 - 04/02/2033
Grant of Authority Date Effective: 05/08/2018

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3222 South Richey Avenue, Pima, Tucson, AZ
32 ° 11 ' 12.60 " N LAT. 110 ° 55 ' 0.60 " W LONG.

ANTENNA ID:	1	3.7 meters	Prodelin	1374
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		36M0F3W	Digital / Analog carriers : various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30M0G7W	Digital / Analog carriers : various FEC, data rates and modulation
	3700.0000 - 4200.0000 MHz		30M0F3W	Digital / Analog carriers : various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

Renewal
Grant of Authority

05/29/2018 - 05/29/2033
Date Effective: 05/15/2018

Class of Station: Fixed Earth Stations

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

SITE ID: 1
LOCATION: 17633 TECHNOLOGY BLVD., WASHINGTON, HAGERSTOWN, MD
39 ° 35 ' 56.30 " N LAT. 77 ° 45 ' 17.90 " W LONG.

ANTENNA ID:	1	11.1 meters	VERTEX	11.1 KPK
	14000.0000 - 14500.0000 MHz	72M0G8W	74.90 dBW	DIGITAL, Data
	14000.0000 - 14500.0000 MHz	100KG7D	61.90 dBW	DIGITAL, Data
	11450.0000 - 12200.0000 MHz	72M0G8W		DIGITAL, Data
	11450.0000 - 12200.0000 MHz	100KG7D		DIGITAL, Data
	10950.0000 - 11200.0000 MHz	72M0G8W		DIGITAL, Data
	10950.0000 - 11200.0000 MHz	100KG7D		DIGITAL, Data

Points of Communication:

- 1 - INTELSAT 23 - (53 W. L.)
 - 1 - INTELSAT 25 (S2804) - (31.5 W.L.)
 - 1 - INTELSAT 29e (S2913) - (50.0 W.L.)
 - 1 - INTELSAT 35e(S2959) - (34.5 W.L.)
 - 1 - INTELSAT 37e (S2972) - (18.0 W.L.)
 - 1 - INTELSAT 805 (S2404) - (304.5 E.L.)
 - 1 - INTELSAT 9 (S2380) - (29.5 W.L.)
 - 1 - Intelsat 905 (S2409) - (24.5 W.L.)
 - 1 - INTELSAT AOR - (27.5 W.L.)
 - 1 - INTELSAT10-02(S2414) - (1.0 W.L.)
 - 1 - NSS-7 (S2463) - (20 W.L.)
 - 1 - NSS-7 (S2854) - (20 W.L.)
 - 1 - PERMITTED LIST - ()
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SES-RWL-20180504-00484 E E030121 Scripps Broadcasting Holdings LLC
Renewal 05/23/2018 - 05/23/2033
Grant of Authority Date Effective: 05/15/2018

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 3355 S. VALLEY VIEW BLVD. (KTNV), CLARK, LAS VEGAS, NV
36 ° 7 ' 43.90 " N LAT. 115 ° 11 ' 28.00 " W LONG.

ANTENNA ID:	1	7.3 meters	ANDREW CORPORATION	ESA 73-46
	3700.0000 - 4200.0000 MHz		36M0G7W	PSK, DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO/DATA
	3700.0000 - 4200.0000 MHz		36M0F8W	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20180413-00355 E E4132 Intelsat License LLC
Special Temporary Authority
Withdrawn Date Effective: 05/09/2018

Class of Station:

Points of Communication:

SES-STA-20180413-00356 E E040125 Intelsat License LLC
Special Temporary Authority
Withdrawn Date Effective: 05/09/2018

Class of Station:

Points of Communication:

SES-STA-20180416-00359 E E7541 Lockheed Martin Corporation
Special Temporary Authority
Grant of Authority Date Effective: 05/15/2018

Class of Station:

On May 15, 2018, Lockheed Martin Corporation was granted special temporary authority for 30 days, beginning May 15, 2018, to operate its fixed earth station in Carpentersville, NJ to conduct de-orbit activity and telemetry, tracking and command (TT&C) services for the NILESAT NIL102 (S2232) satellite at the 7° W.L. orbital location on center frequencies: 17302.5 MHz (Earth-to-space), and 12499.0 MHz (space-to-Earth).

Points of Communication:

SES-STA-20180504-00488 E KL92 Intelsat License LLC

Special Temporary Authority
Grant of Authority

Date Effective: 05/11/2018

Class of Station:

On May 11, 2018 Intelsat License LLC was granted special temporary authority for 30 days, beginning May 13, 2018, to operate two 12.5-meter fixed earth station antennas, "K01" and "K16" in Castle Rock, CO to conduct tracking, telemetry and command (TT&C) services for the Intelsat 5 (S2704) satellite during its drift from 156.9° E.L. to 137.0° W.L. on center frequencies 14498 MHz and 13999 MHz (Earth-to space); and 11451 MHz, 11452 MHz and 11454 MHz (space-to-Earth).

Points of Communication:

SES-STA-20180504-00489 E E060384 Intelsat License LLC

Special Temporary Authority
Grant of Authority

Date Effective: 05/11/2018

Class of Station:

On May 11, 2018, Intelsat License LLC was granted special temporary authority for 30 days, beginning May 13, 2018, to operate its fixed earth station Riverside, CA to conduct telemetry, tracking and command (TT&C) services for the Intelsat 5 (S2704) satellite during its drift from 156.9° E.L. to 137.0° W.L. on center frequencies: 14498 MHz and 13999 MHz (Earth-to space); and 11451 MHz, 11452 MHz, and 11454 MHz, (space-to-Earth) and 13999 MHz (Earth-to-spaced).

Points of Communication:

Dismissal

SES-LIC-20180502-00491 E180176 ONE MINISTRIES, INC.

Application dismissed at applicant's request on May 9, 2018.

SURRENDER

SES-LIC-20060210-00221 E060033 Stone Energy Corporation

License surrendered by letter filed on May 10, 2018.

SES-RWL-20080912-01197 E980350 KATV Licensee, LLC

License surrendered by letter filed on April 20, 2018.

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 1-888-835-5322.