



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-02001

Wednesday October 18, 2017

Satellite Communications Services Information

re: Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

SES-DBM-20170901-00973 E E960365 Federal Aviation Administration
Database Entry Modification
Grant of Authority Date Effective: 10/16/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: KENAI, AK
60 ° 34 ' 3.70 " N LAT. 151 ° 14 ' 18.40 " W LONG.

ANTENNA ID:	1	11.3 meters	SCIENTIFIC-ATLANTA	8016A
	5925.0000 - 6425.0000 MHz	3M34G7D	69.90 dBW	BPSK, QPSK, 8QAM, 8PSK, 16QAM
	5925.0000 - 6425.0000 MHz	7M56G7D	73.30 dBW	BPSK, QPSK, 8QAM, 8PSK, 16QAM
	3700.0000 - 4200.0000 MHz	3M34G7D		BPSK, QPSK, 8QAM, 8PSK, 16QAM
	3700.0000 - 4200.0000 MHz	7M56G7D		BPSK, QPSK, 8QAM, 8PSK, 16QAM

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20170801-00850 E E170146 Bushtex, Inc.
Application for Authority 10/17/2017 - 10/17/2032
Grant of Authority Date Effective: 10/17/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: HUB
 LOCATION: 723 West Guadalupe Road, Maricopa, Gilbert, AZ
 33 ° 21 ' 50.00 " N LAT. 111 ° 48 ' 20.00 " W LONG.

ANTENNA ID:	HUB	4.5 meters	ASC Signal	BTX 450
	14000.0000 - 14500.0000 MHz		36M00G7W 60.80 dBW	QPSK; DATA
	11700.0000 - 12200.0000 MHz		36M00G7W	QPSK; DATA

Points of Communication:

HUB - PERMITTED LIST - ()

SES-MOD-20170726-00811 E E060445 HNS License Sub, LLC
 Application for Modification 02/27/2007 - 02/27/2022
 Grant of Authority Date Effective: 10/11/2017

Class of Station: Other

Nature of Service: Fixed Satellite Service

SITE ID: TR3.5M
 LOCATION: 50,000 (3.5m) CONUS, AK, HI, PR, VI
 0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	TR3.5	3.5 meters	ASC SIGNAL CORP.	ES35SRT-1
	29500.0000 - 30000.0000 MHz		20M9G7W 75.40 dBW	16.348 MBPS, PSK, DIGITAL CARRIER
	29500.0000 - 30000.0000 MHz		2M61G7W 66.30 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
	29500.0000 - 30000.0000 MHz		650KG7W 60.30 dBW	512 KBPS, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz		650KG7W 60.30 dBW	512 KBPS, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz		20M9G7W 75.40 dBW	2,048 MBPS, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz		500MG7W	500 MHZ WIDE, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz		100KG7W	100 KHZ WIDE, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz		100KG7W	100 KHZ WIDE, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz		500MG7W	500 MHZ WIDE, PSK, DIGITAL CARRIER

SITE ID: TFTR1.2M
 LOCATION: 1000 (1.2M) CONUS, AK, HI, PR, VI

ANTENNA ID:	TFTR1.2	1.2 meters	AVL TECHNOLOGIES	1210K
	29500.0000 - 30000.0000 MHz	100KG7W	42.70 dBW	QPSK, DATA, INROUTE, 64 KSPS
	29250.0000 - 30000.0000 MHz	2M00G7W	55.90 dBW	QPSK, DATA, INROUTE, 1600 KSPS
	29250.0000 - 30000.0000 MHz	2M61G7W	55.90 dBW	QPSK, DATA, INROUTE, 2048 KSPS
	29250.0000 - 29500.0000 MHz	100KG7W	42.70 dBW	QPSK, DATA, INROUTE, 64 KSPS
	29250.0000 - 29500.0000 MHz	2M61G7W	55.90 dBW	QPSK, DATA, INROUTE, 2048 KSPS
	19700.0000 - 20200.0000 MHz	100KG7W		QPSK, DATA, OUTROUTE, 64 KSPS
	19700.0000 - 20200.0000 MHz	500MG7W		QPSK, DATA, OUTROUTE, 30 MSPS
	18300.0000 - 19300.0000 MHz	100KG7W		QPSK, DATA, OUTROUTE, 64 KSPS
	18300.0000 - 19300.0000 MHz	2M61G7W		500 MHZ WIDE, PSK, DIGITAL CARRIER

SITE ID: TFTR74CM

LOCATION: 25,000 (74cm) CONUS, AK, HI, PR, VI
0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	74CM(TA)	0.74 meters	GD SATCOM	HNS1031929
	29500.0000 - 30000.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
	28350.0000 - 28600.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
	28350.0000 - 28600.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
	18800.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
	18300.0000 - 18800.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
	18300.0000 - 18800.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER

ANTENNA ID:	74CM(TB)	0.74 meters	SKYWARE GLOBAL	AN8-074R
	29500.0000 - 30000.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	650KG7W	45.80 dBW	512 KBPS, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	650KG7W	45.80 dBW	512 KSPS, PSK, DIGITAL CARRIER
	28350.0000 - 28600.0000 MHz	650KG7W	45.80 dBW	512 KBPS, PSK, DIGITAL CARRIER
	28350.0000 - 28600.0000 MHz	650KG7W	45.80 dBW	512 KBPS, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
	18800.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
	18300.0000 - 18800.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
	18300.0000 - 18800.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER
ANTENNA ID:	74CM(TC)	0.74 meters	GD SATCOM	AN8-074P
	29500.0000 - 30000.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
	28350.0000 - 28600.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
	28350.0000 - 28600.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
	18800.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
	18300.0000 - 18800.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER

18300.0000 - 18800.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
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SITE ID: TFTR98CM

LOCATION: 10,000 (98cm) CONUS, AK, HI, PR, VI
0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: TFTR98(2)	0.98 meters	SKYWARE GLOBAL	AN8-098RAN-098KA
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29500.0000 - 30000.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER

ANTENNA ID: TFTR98CM	0.98 meters	GD SATCOM	AN8-098P
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29500.0000 - 30000.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	100KG7W		100 MHZ WIDE, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER

ANTENNA ID: TFTR98(3)	0.98 meters	AVL TECHNOLOGIES	1010K
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29500.0000 - 30000.0000 MHz	500MG7W	41.20 dBW	QPSK, DATA, INROUTE, 64 KSPS
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29500.0000 - 30000.0000 MHz	1M48G7W	52.90 dBW	QPSK, DATA, INROUTE, 1100 KSPS
29500.0000 - 30000.0000 MHz	2M61G7W	52.90 dBW	QPSK, DATA, INROUTE, 2048 KSPS
29250.0000 - 29500.0000 MHz	2M61G7W	52.90 dBW	QPSK, DATA, INROUTE, 204K KSPS
29250.0000 - 29500.0000 MHz	500MG7W	41.20 dBW	QPSK, DATA, INROUTE, 64 KSPS
19700.0000 - 20200.0000 MHz	100KG7W		QPSK, DATA, OUTROUTE, 64 KSPS
19700.0000 - 20200.0000 MHz	500MG7W		QPSK, DATA, OUTROUTE, 30 MSPS
18300.0000 - 19300.0000 MHz	100KG7W		QPSK, DATA, OUTROUTE, 64 KSPS
18300.0000 - 19300.0000 MHz	500MG7W		QPSK, DATA, OUTROUTE, 30 MSPS

SITE ID: TR98CM
LOCATION: 250,000 (98cm) CONUS, AK, HI, PR, VI
0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: TR98CM(1)	0.98 meters	GD SATCOM	AN8-098P
29500.0000 - 30000.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER

ANTENNA ID: TR98CM(2)	0.98 meters	SKYWARE GLOBAL	AN8-098R
29500.0000 - 30000.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	45.80 dBW	512 KBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	49.40 dBW	512 KBPS, PSK, DIGITAL CARRIER

29250.0000 - 29500.0000 MHz	2M61G7W	53.40 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER

SITE ID: TR74CM

LOCATION: 5,000,000 (74cm) CONUS, AK, HI, PR, VI
0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: 74CM(FA) 0.74 meters GD SATCOM AN8-074P

28350.0000 - 28600.0000 MHz	650KG7W	45.80 dBW	512 KBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ, PSK, DIGITAL CARRIER
18800.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
18300.0000 - 18800.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER

ANTENNA ID: 74CM(FC) 0.74 meters SKYWARE GLOBAL AN8-074R

29250.0000 - 30000.0000 MHz	650KG7W	47.00 dBW	512 KBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PASK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER

ANTENNA ID: 74CM(FB) 0.74 meters GD SATCOM HNS1031929

29250.0000 - 30000.0000 MHz	650KG7W	45.80 dBW	512 KBPS, PSK, DIGITAL CARRIER
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19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER
ANTENNA ID: 74CM(FD)	0.74 meters	SKYWARE GLOBAL	AN9-074
29250.0000 - 30000.0000 MHz	650KG7W	45.80 dBW	512 KSPS, PSK, DIGITAL CARRIER
28350.0000 - 28600.0000 MHz	650KG7W	45.80 dBW	512 KSPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W	0.00 dBW	500 MHZ, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	100KG7W		100 MHZ, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ, PSK, PSK, DIGITAL CARRIER

SITE ID: TR1.8M
 LOCATION: 50,000 (1.8m) CONUS, AK, HI, PR, VI
 0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: TR1.8	1.8 meters	GD SATCOM	3180-131
29500.0000 - 30000.0000 MHz	20M9G7W	69.80 dBW	16.348 MBPS, PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	2M61G7W	60.70 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
29500.0000 - 30000.0000 MHz	650KG7W	54.70 dBW	512 KBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	650KG7W	54.70 dBW	512 KBPS, PSK, DIGITAL CARRIER
29250.0000 - 29500.0000 MHz	20M9G7W	69.80 dBW	16.348 MBPS, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ WIDE, PSK, DIGITAL CARRIER

SITE ID: TR1.2M
 LOCATION: 100,000 (1.2m) CONUS, AK, HI, PR, VI
 0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID:	TR1.2	1.2 meters	GD SATCOM	3120-131
	29500.0000 - 30000.0000 MHz	2M61G7W	57.20 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
	29500.0000 - 30000.0000 MHz	650KG7W	51.20 dBW	512 KBPS, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	650KG7W	51.20 dBW	512 KBPS, PSK, DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	2M61G7W	57.20 dBW	2.048 MBPS, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	500MG7W		500 MHz WIDE, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ WIDE, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	500MG7W		500 MHz WIDE, PSK, DIGITAL CARRIER

SITE ID: TFTR98CM
 LOCATION: 10,000 (1.0m) CONUS, AK, HI, PR, VI

SITE ID: TR69CM
 LOCATION: 1,000,000 (69CM)

ANTENNA ID:	69CM	0.69 meters	SKYWARE GLOBAL	HNS-AN8-069R
	29250.0000 - 29500.0000 MHz	100KG7W	38.50 dBW	M-ARY PHASE SHIFT KEYING DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	2M00G7W	46.80 dBW	M-ARY PHASE SHIFT KEYING DIGITAL CARRIER
	29250.0000 - 29500.0000 MHz	670KG7W	46.80 dBW	M-ARY PHASE SHIFT KEYING DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	100KG7W		M-ARY PHASE SHIFT KEYING DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	500MG7W		M-ARY PHASE SHIFT KEYING DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	100KG7W		M-ARY PHASE SHIFT KEYING DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	500MG7W		M-ARY PHASE SHIFT KEYING DIGITAL CARRIER

SITE ID: TR90CM
LOCATION: 100,000 (90CM) CONUS, AK, HI, PR, VI

ANTENNA ID:	90CM	0.9 meters	GLOBAL SKYWARE	6116047-01
	29250.0000 - 30000.0000 MHz	650KG7W	51.50 dBW	512 KSPS, PSK, DIGITAL CARRIER
	28350.0000 - 28600.0000 MHz	650KG7W	51.50 dBW	512 KSPS, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	100KG7W		100 KHZ, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	500MG7W		500 MHZ, PSK, DIGITAL CARRIER

Points of Communication:

TFTR1.2M - AMC-15 - (105 W.L.)
TFTR1.2M - AMC-16 - (85 W.L.)
TFTR1.2M - ECHOSTAR -9 - (121 W.L.)
TFTR1.2M - EchostarXVII(S2753) - (107.1 W.L.)
TFTR1.2M - JUPITER 97 W(S2834) - (97.1 W. L.)
TFTR1.2M - SPACEWAY 3 - (94.95 W.L.)
TFTR74CM - AMC-15 - (105 W.L.)
TFTR74CM - AMC-16 - (85 W.L.)
TFTR74CM - DIRECTV 10 - (102.8 W.L.)
TFTR74CM - DIRECTV 11 - (99.2 W.L.)
TFTR74CM - ECHOSTAR -9 - (121 W.L.)
TFTR74CM - EchostarXVII(S2753) - (107.1 W.L.)
TFTR74CM - JUPITER 97 W(S2834) - (97.1 W. L.)
TFTR74CM - SPACEWAY 1 - (103 W.L.)
TFTR74CM - SPACEWAY 2 - (99 W.L.)
TFTR74CM - SPACEWAY 3 - (94.95 W.L.)
TFTR98CM - AMC-15 - (105 W.L.)
TFTR98CM - AMC-16 - (85 W.L.)

TFTR98CM - EHOSTAR -9 - (121 W.L.)

TFTR98CM - EchostarXVII(S2753) - (107.1 W.L.)

TFTR98CM - JUPITER 97 W(S2834) - (97.1 W. L.)

TFTR98CM - SPACEWAY 1 - (103 W.L.)

TFTR98CM - SPACEWAY 2 - (99 W.L.)

TFTR98CM - SPACEWAY 3 - (94.95 W.L.)

TR1.2M - AMC-15 - (105 W.L.)

TR1.2M - AMC-16 - (85 W.L.)

TR1.2M - EHOSTAR -9 - (121 W.L.)

TR1.2M - EchostarXVII(S2753) - (107.1 W.L.)

TR1.2M - JUPITER 97 W(S2834) - (97.1 W. L.)

TR1.2M - SPACEWAY 1 - (103 W.L.)

TR1.2M - SPACEWAY 2 - (99 W.L.)

TR1.2M - SPACEWAY 3 - (94.95 W.L.)

TR1.8M - AMC-15 - (105 W.L.)

TR1.8M - AMC-16 - (85 W.L.)

TR1.8M - EHOSTAR -9 - (121 W.L.)

TR1.8M - EchostarXVII(S2753) - (107.1 W.L.)

TR1.8M - JUPITER 97 W(S2834) - (97.1 W. L.)

TR1.8M - SPACEWAY 1 - (103 W.L.)

TR1.8M - SPACEWAY 2 - (99 W.L.)

TR1.8M - SPACEWAY 3 - (94.95 W.L.)

TR3.5M - AMC-15 - (105 W.L.)

TR3.5M - AMC-16 - (85 W.L.)

TR3.5M - EHOSTAR -9 - (121 W.L.)

TR3.5M - EchostarXVII(S2753) - (107.1 W.L.)

TR3.5M - JUPITER 97 W(S2834) - (97.1 W. L.)

TR3.5M - SPACEWAY 1 - (103 W.L.)

TR3.5M - SPACEWAY 2 - (99 W.L.)

TR3.5M - SPACEWAY 3 - (94.95 W.L.)

TR69CM - AMC-15 - (105 W.L.)

TR69CM - AMC-16 - (85 W.L.)

TR69CM - EHOSTAR -9 - (121 W.L.)

TR69CM - EchostarXVII(S2753) - (107.1 W.L.)

TR69CM - JUPITER 97 W(S2834) - (97.1 W. L.)

TR69CM - SPACEWAY 1 - (103 W.L.)

TR69CM - SPACEWAY 2 - (99 W.L.)

TR69CM - SPACEWAY 3 - (94.95 W.L.)

TR74CM - AMC-15 - (105 W.L.)

TR74CM - AMC-16 - (85 W.L.)

TR74CM - DIRECTV 10 - (102.8 W.L.)

TR74CM - DIRECTV 11 - (99.2 W.L.)

TR74CM - EHOSTAR -9 - (121 W.L.)

TR74CM - EchostarXVII(S2753) - (107.1 W.L.)

TR74CM - JUPITER 97 W(S2834) - (97.1 W. L.)

TR74CM - SPACEWAY 1 - (103 W.L.)

TR74CM - SPACEWAY 2 - (99 W.L.)

TR74CM - SPACEWAY 3 - (94.95 W.L.)

TR90CM - AMC-15 - (105 W.L.)

TR90CM - AMC-16 - (85 W.L.)

TR90CM - EHOSTAR -9 - (121 W.L.)

TR90CM - EchostarXVII(S2753) - (107.1 W.L.)

TR90CM - JUPITER 97 W(S2834) - (97.1 W. L.)

TR98CM - AMC-15 - (105 W.L.)

TR98CM - AMC-16 - (85 W.L.)

TR98CM - EHOSTAR -9 - (121 W.L.)

TR98CM - EchostarXVII(S2753) - (107.1 W.L.)

TR98CM - JUPITER 97 W(S2834) - (97.1 W. L.)

TR98CM - SPACEWAY 1 - (103 W.L.)

TR98CM - SPACEWAY 2 - (99 W.L.)

TR98CM - SPACEWAY 3 - (94.95 W.L.)

SES-MOD-20170905-00979 E E880327 CBS Communications Services Inc.

Application for Modification

02/19/2008 - 02/19/2023

Grant of Authority

Date Effective: 10/16/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: CONUS

ANTENNA ID: 1 1.2 meters SAT-LITE TECHNOLOGIES 1411

14000.0000 - 14500.0000 MHz 9M00G7W 62.15 dBW MCPC DIGITAL CARRIER
VIDEO/AUDIO/DATA

11700.0000 - 12200.0000 MHz 36M0G7W MCPC DIGITAL CARRIER
VIDEO/AUDIO/DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170913-01009 E E920540 BFI Licenses, LLC

Renewal

10/02/2017 - 10/02/2032

Grant of Authority

Date Effective: 10/16/2017

Class of Station: Temporary Fixed Earth Station

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

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1 4.5 meters ANDREW ESA45-46

14000.0000 - 14500.0000 MHz 36M0F9F 79.00 dBW

14000.0000 - 14500.0000 MHz 30K0F3E 48.20 dBW

14000.0000 - 14500.0000 MHz 36M0G7D 78.60 dBW QPSK DIGITAL CARRIER

14000.0000 - 14500.0000 MHz 2M00G7W 66.10 dBW DIGITAL, QPSK, TELEVISION &
DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170913-01010 E E020201 BFI Licenses, LLC

Renewal

11/06/2017 - 11/06/2032

Grant of Authority

Date Effective: 10/16/2017

Class of Station: Fixed Earth Stations

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

SITE ID: Stamford

LOCATION: 250 Harbor Drive, Fairfield, Stamford, CT

41 ° 4 ' 34.30 " N LAT.

73 ° 31 ' 13.40 " W LONG.

ANTENNA ID:	7M	7 meters	Scientific-Atlanta	8010K
	14000.0000 - 14500.0000 MHz	36M0F3F	80.83 dBW	analog video
	14000.0000 - 14500.0000 MHz	72M0G7E	80.83 dBW	digital, data
	14000.0000 - 14500.0000 MHz	8M00G1D	77.00 dBW	Digital, data
	11450.0000 - 12200.0000 MHz	36M0F3F		analog video
	11450.0000 - 12200.0000 MHz	72M0G7E		digital, data
	11450.0000 - 12200.0000 MHz	8M00G1D		digital, data
	10950.0000 - 11200.0000 MHz	36M0F3F		analog video
	10950.0000 - 11200.0000 MHz	72M0G7E		digital, data
	10950.0000 - 11200.0000 MHz	8M00G1D		digital, data
ANTENNA ID:	11.3M	11.3 meters	Satcom-RSI	1100KS
	14000.0000 - 14500.0000 MHz	36M0F3F	80.83 dBW	analog video
	14000.0000 - 14500.0000 MHz	72M0G7E	80.83 dBW	digital, data
	14000.0000 - 14500.0000 MHz	8M00G1D	80.83 dBW	digital, data
	11450.0000 - 12200.0000 MHz	36M0F3f		analog video
	11450.0000 - 12200.0000 MHz	72M0G7E		digital, data
	11450.0000 - 12200.0000 MHz	8M00G1D		digital, data
	10950.0000 - 11200.0000 MHz	36M0F3F		analog video
	10950.0000 - 11200.0000 MHz	72M0G7E		digital, data

10950.0000 - 11200.0000 MHz

8M00G1D

digital, data

Points of Communication:

Stamford - ANIK E1 - (118.7 W.L.)

Stamford - ANIK E2 - (111.1 W.L.)

Stamford - INTELSAT AOR - (310.0 E.L.)

Stamford - INTELSAT AOR - (325.5 E.L.)

Stamford - INTELSAT AOR - (328.5 E.L.)

Stamford - INTELSAT AOR - (330.5 E.L.)

Stamford - INTELSAT AOR - (332.5 E.L.)

Stamford - INTELSAT AOR - (335.5 E.L.)

Stamford - INTELSAT AOR - (359.0 E.L.)

Stamford - INTELSAT AOR(S2398) - (307.0 E.L.)

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

Stamford - New Skies K - (338.5 E.L.)

Stamford - NSS-5 - (183 E.L.)

Stamford - PAS-1R - (45.0 W.L.)

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

Stamford - PERMITTED LIST - ()

Stamford - TELSTAR 11 - (37.5 W.L.)

SES-RWL-20170915-01023 E E4867 American Broadcasting Companies, Inc.

Renewal

10/29/2017 - 10/29/2032

Grant of Authority

Date Effective: 10/16/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 4151 PROSPECT AVE., LOS ANGELES, LOS ANGELES, CA

34 ° 6 ' 9.00 " N LAT.

118 ° 16 ' 49.00 " W LONG.

ANTENNA ID: 1

11 meters

SCIENTIFIC ATLANTA

8007

5925.0000 - 6425.0000 MHz

36M0F3F

81.40 dBW

ANALOG FM (TV VIDEO & AUDIO)

5925.0000 - 6425.0000 MHz

36M0G1F

81.40 dBW

DIGITAL PHASE MODULATION
(DTV DATA)

3700.0000 - 4200.0000 MHz

36M0F3F

3700.0000 - 4200.0000 MHz

36M0G1F

ANTENNA ID: 2

11 meters

SCIENTIFIC ATLANTA

8007

5925.0000 - 6425.0000 MHz

36M0F3F

81.40 dBW

ANALOG FM (TV VIDEO & AUDIO)

5925.0000 - 6425.0000 MHz

36M0G1F

81.40 dBW

DIGITAL PHASE MODULATION
(DTV DATA)

3700.0000 - 4200.0000 MHz

36M0F3F

3700.0000 - 4200.0000 MHz

36M0G1F

ANTENNA ID: 3

9.3 meters

ANDREW CORPORATION

ESA93-46

5925.0000 - 6425.0000 MHz

36M0F3F

80.90 dBW

ANALOG FM (TV VIDEO & AUDIO)

5925.0000 - 6425.0000 MHz

36M0G1F

80.90 dBW

DIGITAL PHASE MODULATION
(DTV DATA)

3700.0000 - 4200.0000 MHz

36M0F3F

3700.0000 - 4200.0000 MHz

36M0G1F

0.00 dBW

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170915-01025 E E920645 MICROSPACE COMMUNICATIONS CORPORATION

Renewal

12/04/2017 - 12/04/2032

Grant of Authority

Date Effective: 10/16/2017

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 5033 TV TOWER ROAD, WAKE, AUBURN, NC

35 ° 40 ' 27.60 " N LAT.

78 ° 32 ' 9.00 " W LONG.

ANTENNA ID: 1

9.2 meters

RSI

920C

5925.0000 - 6425.0000 MHz

36M0G7W

81.75 dBW

NULL

3700.0000 - 4200.0000 MHz

36M0G7W

NULL

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170918-01024 E E900976 Fox Television Stations, LLC

Renewal

11/07/2017 - 11/07/2032

Grant of Authority

Date Effective: 10/16/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 9 BROADCAST PLAZA (HUB) 6.1 M., HUDSON, SECAUCUS, NJ

40 ° 47 ' 46.00 " N LAT.

74 ° 4 ' 10.00 " W LONG.

ANTENNA ID: 1 6.1 meters VERTEX 6.1M KPK

14000.0000 - 14500.0000 MHz 36M0F3F 81.30 dBW ANALOG

11700.0000 - 12200.0000 MHz 36M0F3F ANALOG

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20170919-01033 E E020233 EchoStar Broadcasting Holding Corporation

Renewal

10/25/2017 - 10/25/2032

Grant of Authority

Date Effective: 10/17/2017

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: 801 NORTH DISH DRIVE, MARICOPA, GILBERT, AZ

33 ° 22 ' 0.90 " N LAT.

111 ° 48 ' 52.90 " W LONG.

ANTENNA ID: GC2 9 meters VERTEX 9 KPC

6424.0000 - 6425.0000 MHz 1M00G2D 74.77 dBW COMMAND AND RANGING CARRIER

6424.0000 - 6425.0000 MHz 750KG7W 73.53 dBW COMMAND RANGING CARRIER

6424.0000 - 6425.0000 MHz 800KG2D 73.80 dBW COMMAND AND RANGING CARRIER

6420.0000 - 6421.0000 MHz 750KG2D 73.53 dBW COMMAND AND RANGING CARRIER

6420.0000 - 6421.0000 MHz 800KG2D 73.80 dBW COMMAND RANGING CARRIER

6420.0000 - 6421.0000 MHz 1M00G2D 74.77 dBW COMMAND AND RANGING CARRIER

6109.0000 - 6181.0000 MHz 750KG7W 73.53 dBW DATA CARRIER (DIGITAL)

6109.0000 - 6181.0000 MHz	36M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
6109.0000 - 6181.0000 MHz	36M0F8W	77.30 dBW	ANALOG VIDEO
6109.0000 - 6181.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
6040.0000 - 6077.0000 MHz	36M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
6040.0000 - 6077.0000 MHz	36M0F8W	77.30 dBW	ANALOG VIDEO
6040.0000 - 6077.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
6040.0000 - 6077.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
6020.0000 - 6028.0000 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	8M00G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
5961.0000 - 5988.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
5961.0000 - 5988.0000 MHz	18M0F8W	74.30 dBW	ANALOG VIDEO
5961.0000 - 5988.0000 MHz	27M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
5961.0000 - 5988.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
5925.0000 - 5929.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
5925.0000 - 5929.0000 MHz	4M00G7W	77.30 dBW	COMPRESSED DIGITAL DATA
5925.0000 - 5929.0000 MHz	800KG2D	73.80 dBW	COMMAND AND RANGING CARRIER
5925.0000 - 5929.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
3700.0000 - 4200.0000 MHz	36M0F8W		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	1M00G2D		TELEMETRY AND RANGING
3700.0000 - 4200.0000 MHz	750KG2D		TELEMETRY AND RANGING
3700.0000 - 4200.0000 MHz	36M0G7W		COMPRESSED VIDEO (DIGITAL)
3700.0000 - 3705.0000 MHz	750KG2D		TELEMETRY AND RANGING
ANTENNA ID: GC1	9 meters	VERTEX	9KPC
6424.0000 - 6425.0000 MHz	750KG2D	74.77 dBW	COMMAND AND RANGING CARRIER

6424.0000 - 6425.0000 MHz	1M00G2D	74.77 dBW	COMMAND AND RANGING CARRIER
6424.0000 - 6425.0000 MHz	800KG2D	73.80 dBW	COMMAND AND RANGING CARRIER
6420.0000 - 6421.0000 MHz	750KG2D	73.53 dBW	COMMAND AND RANGING CARRIER
6420.0000 - 6421.0000 MHz	800KG2D	73.80 dBW	COMMAND AND RANGING CARRIER
6420.0000 - 6421.0000 MHz	1M00G2D	74.77 dBW	COMMAND AND RANGING CARRIER
6109.0000 - 6181.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
6109.0000 - 6181.0000 MHz	36M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
6109.0000 - 6181.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
6109.0000 - 6181.0000 MHz	36M0F8W	77.30 dBW	ANALOG VIDEO
6040.0000 - 6077.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
6040.0000 - 6077.0000 MHz	36M0F8W	77.30 dBW	ANALOG VIDEO
6040.0000 - 6077.0000 MHz	36M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
6040.0000 - 6077.0000 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	8M00G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
6020.0000 - 6028.0000 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	18M0F8W	74.30 dBW	ANALOG VIDEO
5961.0000 - 5988.0000 MHz	27M0G7W	77.30 dBW	COMPRESSED VIDEO (DIGITAL)
5961.0000 - 5988.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)
5925.0000 - 5929.0000 MHz	1M00G7W	74.77 dBW	DATA CARRIER (DIGITAL)
5925.0000 - 5929.0000 MHz	800KG2D	73.80 dBW	COMMAND AND RANGING CARRIER
5925.0000 - 5929.0000 MHz	4M00G7W	77.30 dBW	COMPRESSED DIGITAL DATA
5925.0000 - 5929.0000 MHz	750KG7W	73.53 dBW	DATA CARRIER (DIGITAL)

4195.0000 - 4200.0000 MHz	1M00G2D	TELEMETRY AND RANGING
3700.0000 - 4200.0000 MHz	36M0G7W	ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0F8W	COMPRESSED VIDEO (DIGITAL
3700.0000 - 3705.0000 MHz	1M00G2D	TELEMETRY AND RANGING
3700.0000 - 3705.0000 MHz	750KG2D	TELEMETRY AND RANGING

Points of Communication:

- 1 - DBSD G-1 - (92.85 W.L.)
- 1 - ECHOSTAR 1 - (77 W.L.)
- 1 - PERMITTED LIST - ()

SES-RWL-20170922-01048 E E920664 Fresno Free College Foundation
 Renewal 11/13/2017 - 11/13/2032
 Grant of Authority Date Effective: 10/16/2017

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
 LOCATION: 1929 MARTIN LUTHER KING JR. WAY, BERKELEY, CA
 37 ° 52 ' 20.00 " N LAT. 122 ° 16 ' 18.00 " W LONG.

ANTENNA ID: 1	2.4 meters	PRODELIN	1246
14000.0000 - 14500.0000 MHz	154KG7D	51.10 dBW	
11700.0000 - 12200.0000 MHz	154KG7D		

Points of Communication:

- 1 - PERMITTED LIST - ()

SES-RWL-20171016-01167 E E920610 Bluestone License Holdings LLC
 Renewal 10/30/2017 - 10/30/2032
 Grant of Authority Date Effective: 10/17/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
 LOCATION: BASE 4420 N. CLACK ABILENE, TX, VARIOUS

ANTENNA ID: 1	2.4 meters	VERTEX COMM., CORP.	2.6DMK
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14000.0000 - 14500.0000 MHz	25M0F3F	74.30 dBW	
14000.0000 - 14500.0000 MHz	36M0F3F	74.30 dBW	
14000.0000 - 14500.0000 MHz	15M0G7W	68.60 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO/VOICE/DATA
11700.0000 - 12200.0000 MHz	25M0F3F		
11700.0000 - 12200.0000 MHz	36M0F3F		
11700.0000 - 12200.0000 MHz	15M0G7W		DIGITAL MCPC QPSK CARRIER USED FOR VIDEO/VOICE/DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20171003-01100 E E160022 SES Americom, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 10/11/2017

Class of Station:

On October 11, 2017, SES Americom, Inc. was granted special temporary authority for 30 days, beginning October 11, 2017, to test a 9.2-meter antenna in South Mountain, CA with the AMC-16 (S2181) satellite at the 85° W.L. orbital location on the following frequencies: 28.4-28.6 GHz and 29.5-30.0 GHz (Earth-to-space), and 18.6-18.8 GHz and 19.7-20.2 GHz (space-to-Earth).

Points of Communication:

SES-STA-20171008-01125 E SES Americom, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 10/16/2017

Class of Station:

On October 16, 2017, SES Americom, Inc. was granted special temporary authority for 30 days, beginning October 16, 2017, to test a 7.3 meter antenna in South Mountain, CA with the AMC-7 (S2155) satellite at the 135° W.L. orbital location, in the 3700-4200 MHz (space-to-Earth) and 5925-6425 MHz (Earth-to-space) frequency bands.

Points of Communication:

SES-STA-20171011-01135 E O3b Limited
Special Temporary Authority
Grant of Authority Date Effective: 10/13/2017

Class of Station:

On October 13, 2017, O3b Limited was granted special temporary authority for 30 days, beginning October 9, 2017, to operate its fixed earth station in Ceiba, PR to support restoration of wireless communications in the 27.6-28.4 GHz (Earth-to-space) and 17.8-18.6 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20171011-01140 E E060445 HNS License Sub, LLC
Special Temporary Authority
Withdrawn

Date Effective: 10/13/2017

Class of Station:

Points of Communication:

SURRENDER

SES-LIC-20020924-01663 E020262 Lakefront Communications, LLC

License surrendered by letter filed on October 6, 2017.

SES-LIC-20020924-01744 E020281 The Comcast Network, LLC

License surrendered by letter filed on October 12, 2017.

SES-REG-20030605-00848 E030139 Shenandoah Cable Television, LLC

License surrendered by letter filed on October 16, 2017.

SES-RWL-20020802-01264 WU38 Comcast of California/Colorado/Florida/Oregon, Inc.

License surrendered by letter filed on October 12, 2017.

SES-RWL-20020802-01269 WT94 Comcast of California/Colorado/Florida/Oregon, Inc.

License surrendered by letter filed on October 12, 2017.

SES-RWL-20020802-01270 WM82 Comcast of California/Colorado/Illinois/Indiana/Michigan, LP

License surrendered by letter filed on October 16, 2017.

SES-RWL-20020828-01439 WU52 Comcast of Illinois/Indiana/Ohio, LLC

License surrendered by letter filed on October 12, 2017.

SES-RWL-20020906-01516 E4964 Comcast of California/Connecticut/Michigan

License surrendered by letter filed on October 16, 2017.

SES-RWL-20020925-01683 E4853 Comcast of Connecticut/Georgia/Massachusetts/New Hampshire/New York/North Caroli

License surrendered by letter filed on October 12, 2017.

SES-RWL-20021003-01731 WP39 Comcast of Connecticut/Georgia/Massachusetts/New Hampshire/New York/North Caroli

License surrendered by letter filed on October 12, 2017.

SES-RWL-20021022-01809 WU55 Comcast of Connecticut/Georgia/Massachusetts/New Hampshire/New York/North Caroli

License surrendered by letter filed on October 12, 2017.

SES-RWL-20030927-01338 E6561 Shenandoah Cable Television, LLC

License surrendered by letter filed on October 16, 2017.

SES-RWL-20031007-01377 E6625 Shenandoah Cable Television, LLC

License surrendered by letter filed on October 16, 2017.

SES-RWL-20070801-01014 E873636 Shenandoah Cable Television, LLC

License surrendered by letter filed on October 16, 2017.

SES-RWL-20070801-01018 E873628 Shenandoah Cable Television, LLC

License surrendered by letter filed on October 16, 2017.

SES-RWL-20070801-01019 E873635 Shenandoah Cable Television, LLC

License surrendered by letter filed on October 16, 2017.

SES-RWL-20100805-00991 E000360 The Comcast Network, LLC

License surrendered by letter filed on October 12, 2017.

SES-RWL-20100820-01061 E000423 The Comcast Network, LLC

License surrendered by letter filed on October 12, 2017.

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