



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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WASHINGTON D.C. 20554

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Report No. SES-01844

Wednesday April 20, 2016

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-AMD-20160404-00321 E E060445 HNS License Sub, LLC

Amendment

Class of Station: Other

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-MOD-20151102-00791 for a description of application as amended.

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
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18300.0000 - 19300.0000 MHz	500MG7W	500 MHZ WIDE, PSK, DIGITAL CARRIER
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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

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
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
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
29500.0000 - 30000.0000 MHz	500MG7W	41.20 dBW	QPSK, DATA, INROUTE, 64 KSPS
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
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
28350.0000 - 2860.0000 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
29250.0000 - 30000.0000 MHz	650KG7W	45.80 dBW	512 KSPS, 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

Points of Communication:

- TFTR1.2M - AMC-15 - (105 W.L.)
- TFTR1.2M - AMC-16 - (85 W.L.)
- TFTR1.2M - EHOSTAR -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 - EHOSTAR -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 - ECHOSTAR -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.)

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

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

TR98CM - ECHOSTAR -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-AMD-20160411-00327 E E070227 Globecomm License Sub LLC

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-MOD-20160229-00182 for a description of application as amended.

SITE ID: 1

LOCATION: 45 OSER AVENUE, SUFFOLK, HAUPPAUGE, NY

40 ° 48 ' 54.20 " N LAT.

73 ° 14 ' 12.20 " W LONG.

ANTENNA ID:	AOT-26	4.5 meters	ASC SIGNAL CORP.	ES45MPJ
	14000.0000 - 14500.0000 MHz	461KG7W	60.20 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	14000.0000 - 14500.0000 MHz	44K0G7W	50.00 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	14000.0000 - 14500.0000 MHz	3M40G7W	68.90 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	14000.0000 - 14500.0000 MHz	30M5G7W	78.40 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	14000.0000 - 14500.0000 MHz	3M40G7D	68.90 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	44K0G7W	50.00 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	36M0G7W	79.10 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	14000.0000 - 14500.0000 MHz	500KG7W	60.50 dBW	DIGITAL DATA CARRIERS
	11700.0000 - 12200.0000 MHz	461KG7W		DIGITAL VIDEO, AUDIO, AND DATA
	11700.0000 - 12200.0000 MHz	44K0G7W		DIGITAL VIDEO, AUDIO, AND DATA
	11700.0000 - 12200.0000 MHz	3M40G7W		DIGITAL VIDEO, AUDIO, AND DATA
	11700.0000 - 12200.0000 MHz	30M5G7W		DIGITAL VIDEO, AUDIO, AND DATA
	11450.0000 - 12200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
	11450.0000 - 12200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
	11450.0000 - 12200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
	11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
	10950.0000 - 11200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
	10950.0000 - 11200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
	10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
	10950.0000 - 11200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
ANTENNA ID:	AOT-25	4.8 meters	VERTEX/RSI	4.8M
	14000.0000 - 14500.0000 MHz	461KG7W	61.50 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	14000.0000 - 14500.0000 MHz	44K0G7W	51.30 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	14000.0000 - 14500.0000 MHz	3M40G7W	70.20 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	14000.0000 - 14500.0000 MHz	30M5G7W	79.70 dBW	DIGITAL VIDEO, AUDIO, AND DATA

14000.0000 - 14500.0000 MHz	36M0G7W	80.40 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	44K0G7W	51.30 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	500KG7W	61.80 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	3M40G7D	70.20 dBW	DIGITAL DATA CARRIERS
11700.0000 - 12200.0000 MHz	461KG7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	44K0G7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	3M40G7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	30M5G7W		DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 12200.0000 MHz	44K0G7W	0.00 dBW	DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 12200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
ANTENNA ID: AOT-22	4.8 meters	VERTEX/RSI	4.8M
14000.0000 - 14500.0000 MHz	27M5G7W	79.20 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	30M5G7W	79.70 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	3M40G7W	70.20 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	44K0G7W	51.30 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	461KG7W	61.50 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	3M40G7D	70.20 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	44K0G7W	51.30 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	500KG7W	61.80 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	36M0G7W	80.40 dBW	DIGITAL VIDEO, AUDIO, AND DATA

13750.0000 - 14000.0000 MHz	30M5G7W	76.00 dBW	DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	30M5G7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	3M40G7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	461KG7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	44K0G7W		DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 12200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
ANTENNA ID: AOT-1	3.8 meters	VERTEX	3.8DPK
14000.0000 - 14500.0000 MHz	3M40G7D	68.50 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	44K0G7W	49.70 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	500KG7W	60.20 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	36M0G7W	69.30 dBW	DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 12200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA

ANTENNA ID:	AOT-3	2.4 meters	PRODELIN	1251-502
	14000.0000 - 14500.0000 MHz	3M40G7D	64.50 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	44K0G7W	45.60 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	500KG7W	56.10 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	36M0G7W	65.00 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	11450.0000 - 12200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
	11450.0000 - 12200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
	11450.0000 - 12200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
	11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
	10950.0000 - 11200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
	10950.0000 - 11200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
	10950.0000 - 11200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
	10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
ANTENNA ID:	AOT-5	3.7 meters	ANDREW	ES37MPK
	14000.0000 - 14500.0000 MHz	3M40G7D	68.60 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	440KG7W	49.70 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	500KG7W	60.20 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	36M0G7W	70.20 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	11450.0000 - 12200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
	11450.0000 - 12200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
	11450.0000 - 12200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
	11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
	10950.0000 - 11200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
	10950.0000 - 11200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
	10950.0000 - 11200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
	10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA

ANTENNA ID:	AOT-27	1.03 meters	SAILOR	900
	14000.0000 - 14500.0000 MHz	3M40G7D	52.90 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	44K0G7W	34.00 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	500KG7W	44.50 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	36M0G7W	57.20 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	11700.0000 - 12200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
	11700.0000 - 12200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
	11700.0000 - 12200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
	11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA

Points of Communication:

1 - HISPASAT 1C - (30.0 W.L.)

1 - PERMITTED LIST - ()

SES-LIC-20160401-00307 E E160052 UltiSat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Shemya Island

LOCATION: Eareckson Air Station, Aleutians West, Shemya Island, AK
 52 ° 43 ' 26.40 " N LAT. 174 ° 7 ' 8.40 " E LONG.

ANTENNA ID:	2.4m	2.4 meters	Prodelin	1251
	3700.0000 - 4200.0000 MHz	87K0G7D		Digital Data Carrier
	3700.0000 - 4200.0000 MHz	100KG7D		Digital Data Carrier
	5925.0000 - 6425.0000 MHz	87K0G7D	45.37 dBW	Digital Data Carrier
	5925.0000 - 6425.0000 MHz	100KG7D	45.97 dBW	Digital Data Carrier

Points of Communication:

Shemya Island - NSS 9 (S2756) - (177 W.L.)

SES-LIC-20160401-00308 E E160053 UltiSat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Sand Point

LOCATION: Qagun Tayagungin, Aleutians East, Sand Point, AK
55 ° 20 ' 12.00 " N LAT.

160 ° 26 ' 51.00 " W LONG.

ANTENNA ID:	2.4m	2.4 meters	Prodelin	1251	
	3700.0000 - 4200.0000 MHz		87K0G7D	Digital Data Carrier	
	3700.0000 - 4200.0000 MHz		100KG7D	Digital Data Carrier	
	5925.0000 - 6425.0000 MHz		87K0G7D	45.37 dBW	Digital Data Carrier
	5925.0000 - 6425.0000 MHz		100KG7D	45.97 dBW	Digital Data Carrier

Points of Communication:

Sand Point - NSS 9 (S2756) - (177 W.L.)

SES-LIC-20160401-00309 E E160054 UltiSat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Guam

LOCATION: Mariana Islands, Guam, Yigo
13 ° 35 ' 16.00 " N LAT.

144 ° 52 ' 7.00 " E LONG.

ANTENNA ID:	2.4m	2.4 meters	Prodelin	1251	
	3700.0000 - 4200.0000 MHz		87K0G7D	Digital Data Carrier	
	3700.0000 - 4200.0000 MHz		100KG7D	Digital Data Carrier	
	5925.0000 - 6425.0000 MHz		87K0G7D	45.37 dBW	Digital Data Carrier
	5925.0000 - 6425.0000 MHz		100KG7D	45.97 dBW	Digital Data Carrier

Points of Communication:

Guam - NSS 9 (S2756) - (177 W.L.)

SES-LIC-20160401-00310 E E160055 UltiSat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Midway Island
LOCATION: Outlying Islands, Pacific, Midway Island
28 ° 12 ' 7.60 " N LAT. 177 ° 22 ' 49.60 " W LONG.

ANTENNA ID:	2.4m	2.4 meters	Prodelin	1251	
	3700.0000 - 4200.0000 MHz		87K0G7D	Digital Data Carrier	
	3700.0000 - 4200.0000 MHz		100KG7D	Digital Data Carrier	
	5925.0000 - 6425.0000 MHz		87K0G7D	45.37 dBW	Digital Data Carrier
	5925.0000 - 6425.0000 MHz		100KG7D	45.97 dBW	Digital Data Carrier

Points of Communication:

Midway Island - NSS 9 (S2756) - (177 W.L.)

SES-LIC-20160401-00311 E E160056 UltiSat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Wake Island
LOCATION: Wake Atoll, Pacific Ocean Region, Wake Island
19 ° 16 ' 56.30 " N LAT. 166 ° 38 ' 49.30 " E LONG.

ANTENNA ID:	2.4m	2.4 meters	Prodelin	1251	
	3700.0000 - 4200.0000 MHz		87K0G7D	Digital Data Carrier	
	3700.0000 - 4200.0000 MHz		100KG7D	Digital Data Carrier	
	5925.0000 - 6425.0000 MHz		87K0G7D	45.37 dBW	Digital Data Carrier
	5925.0000 - 6425.0000 MHz		100KG7D	45.97 dBW	Digital Data Carrier

Points of Communication:

Wake Island - NSS 9 (S2756) - (177 W.L.)

SES-LIC-20160401-00312 E E160057 UltiSat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: Kailua Kona, Hawaii, Central Puna, HI
19 ° 36 ' 0.00 " N LAT. 155 ° 54 ' 0.00 " W LONG.

ANTENNA ID:	2.4M.	2.4 meters	Prodelin	1251	
	3700.0000 - 4200.0000 MHz		100KG7D	Digital Data Carrier	
	3700.0000 - 4200.0000 MHz		87K0G7D	Digital Data Carrier	
	5925.0000 - 6425.0000 MHz		100KG7D	45.97 dBW	Digital Data Carrier
	5925.0000 - 6425.0000 MHz		87K0G7D	45.37 dBW	Digital Data Carrier

Points of Communication:

1 - NSS 9 (S2756) - (177 W.L.)

SES-LIC-20160401-00313 E E160058 UltiSat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Eilson

LOCATION: Eielson AFB, North Star Borough, Eilson, AK

64 ° 38 ' 8.30 " N LAT.

147 ° 2 ' 47.40 " W LONG.

ANTENNA ID:	2.4m	2.4 meters	Prodelin	1251	
	3700.0000 - 4200.0000 MHz		87K0G7D	Digital Data Carrier	
	3700.0000 - 4200.0000 MHz		100KG7D	Digital Data Carrier	
	6061.0000 - 6067.0000 MHz		87K0G7D	45.37 dBW	Digital Data Carrier
	6182.0000 - 6230.0000 MHz		87K0G7D	45.37 dBW	Digital Data Carrier
	6283.0000 - 6289.0000 MHz		87K0G7D	45.37 dBW	Digital Data Carrier
	6341.0000 - 6359.0000 MHz		87K0G7D	45.37 dBW	Digital Data Carrier
	6061.0000 - 6067.0000 MHz		100KG7D	45.97 dBW	Digital Data Carrier
	6182.0000 - 6230.0000 MHz		100KG7D	45.97 dBW	Digital Data Carrier
	6283.0000 - 6289.0000 MHz		100KG7D	45.97 dBW	Digital Data Carrier
	6341.0000 - 6359.0000 MHz		100KG7D	45.97 dBW	Digital Data Carrier

Points of Communication:

Eilson - NSS 9 (S2756) - (177 W.L.)

SES-LIC-20160401-00314 E E160059 UltiSat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Marginal La Ley, Cayey, San Juan, PR
18 ° 6 ' 37.00 " N LAT. 66 ° 9 ' 8.00 " W LONG.

ANTENNA ID:	2.4M.	2.4 meters	Prodelin	1251	
	3700.0000 - 4200.0000 MHz		100KG7D	Digital Data Carrier	
	3700.0000 - 4200.0000 MHz		87K0G7D	Digital Data Carrier	
	5925.0000 - 6047.0000 MHz		100KG7D	45.97 dBW	Digital Data Carrier
	6080.0000 - 6171.0000 MHz		100KG7D	45.97 dBW	Digital Data Carrier
	6243.0000 - 6270.0000 MHz		100KG7D	45.97 dBW	Digital Data Carrier
	6303.0000 - 6319.0000 MHz		100KG7D	45.97 dBW	Digital Data Carrier
	6372.0000 - 6425.0000 MHz		100KG7D	45.97 dBW	Digital Data Carrier
	5925.0000 - 6047.0000 MHz		87K0G7D	45.37 dBW	Digital Data Carrier
	6080.0000 - 6171.0000 MHz		87K0G7D	45.37 dBW	Digital Data Carrier
	6243.0000 - 6270.0000 MHz		87K0G7D	45.37 dBW	Digital Data Carrier
	6303.0000 - 6319.0000 MHz		87K0G7D	45.37 dBW	Digital Data Carrier
	6372.0000 - 6425.0000 MHz		87K0G7D	45.37 dBW	Digital Data Carrier

Points of Communication:

1 - SES-4 (S2828) - (22.0 W.L.)

SES-LIC-20160401-00315 E E160060 UltiSat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Anton Larsen Bay Road, Kodiak Island, Kodiak Island, AK
57 ° 47 ' 56.00 " N LAT. 152 ° 36 ' 1.00 " W LONG.

ANTENNA ID:	2.4M.	2.4 meters	Prodelin	1251
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3700.0000 - 4200.0000 MHz	100KG7D		Digital Data Carrier
3700.0000 - 4200.0000 MHz	87K0G7D		Digital Data Carrier
5925.0000 - 6425.0000 MHz	100KG7D	45.97 dBW	Digital Data Carrier
5925.0000 - 6425.0000 MHz	87K0G7D	45.37 dBW	Digital Data Carrier

Points of Communication:

1 - NSS 9 (S2756) - (177 W.L.)

SES-MFS-20160404-00304 E E120043 Denali 20020, LLC

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Denali 20020 LLC requests modification of its fixed earth station in Brewster, WA, to add the Yamal 300K satellite at the 177° W.L. orbital location as a point of communication, using Antenna Id 1, in the 14.-14.5 GHz (Earth-to-space), and 10.95-11.7 GHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: 66C TELEPORT DRIVE, OKANOGAN, BREWSTER, WA
 48 ° 8 ' 47.00 " N LAT. 119 ° 41 ' 29.00 " W LONG.

ANTENNA ID: 1	3.5 meters	VERTEX	3.5KPK
14000.0000 - 14500.0000 MHz	36M0F2D	77.84 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	36M0F3F	74.30 dBW	Analog Video Carrier
14000.0000 - 14500.0000 MHz	36M0G7W	77.84 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	36M0F8W	77.84 dBW	Digital Data Carrier
11450.0000 - 12200.0000 MHz	36M0F2D		Digital Video Carrier
11450.0000 - 12200.0000 MHz	36M0F3F		Analog Video Carrier
11450.0000 - 12200.0000 MHz	36M0G7W		Digital Data Carrier
11450.0000 - 12200.0000 MHz	36M0F8W		Digital Data Carrier
10950.0000 - 11200.0000 MHz	36M0F2D		Digital Video Carrier
10950.0000 - 11200.0000 MHz	36M0F3F		Analog Video Carrier
10950.0000 - 11200.0000 MHz	36M0G7W		Digital Data Carrier
10950.0000 - 11200.0000 MHz	36M0F8W		Digital Data Carrier

ANTENNA ID:	2	3.7 meters	GLOBAL STAR	GS-370
	14000.0000 - 14500.0000 MHz	36M0G7W	78.20 dBW	Digital Data Carrier
	11700.0000 - 12200.0000 MHz	36M0G7W		Digital Data Carrier
ANTENNA ID:	3	6.1 meters	VERTEX	6.1KPK
	14000.0000 - 14500.0000 MHz	1M00G7D	66.80 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz	36M0G7W	80.87 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz	36M0F3F	78.90 dBW	Analog Video Carrier
	14000.0000 - 14500.0000 MHz	72M0G7W	80.87 dBW	Digital Data Carrier
	13750.0000 - 14000.0000 MHz	72M0G7W	80.87 dBW	Digital Data Carrier
	13750.0000 - 14000.0000 MHz	36M0G7W	76.90 dBW	Digital Data Carrier
	13750.0000 - 14000.0000 MHz	1M00G7D	66.80 dBW	Digital Data Carrier
	11450.0000 - 12200.0000 MHz	1M00G7D		Digital Data Carrier
	11450.0000 - 12200.0000 MHz	36M0G7W		Digital Data Carrier
	11450.0000 - 12200.0000 MHz	36M0F3F		Analog Video Carrier
	11450.0000 - 12200.0000 MHz	72M0G7W		Digital Data Carrier
	10950.0000 - 11200.0000 MHz	1M00G7D		Digital Data Carrier
	10950.0000 - 11200.0000 MHz	36M0G7W		Digital Data Carrier
	10950.0000 - 11200.0000 MHz	36M0F3F		Analog Video Carrier
	10950.0000 - 11200.0000 MHz	72M0G7W		Digital Data Carrier
ANTENNA ID:	4	9 meters	VERTEX	9KPK
	14000.0000 - 14500.0000 MHz	1M00G7D	70.08 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz	36M0F2D	77.70 dBW	Digital Data Carrier
	14000.0000 - 14500.0000 MHz	36M0F3F	86.00 dBW	Analog Video Carrier
	14000.0000 - 14500.0000 MHz	72M0G7W	85.60 dBW	Digital Data Carrier
	11450.0000 - 12200.0000 MHz	1M00G7D		Digital Data Carrier
	11450.0000 - 12200.0000 MHz	36M0F2D		Digital Data Carrier

11450.0000 - 12200.0000 MHz	36M0F3F		Analog Video Carrier
11450.0000 - 12200.0000 MHz	72M0G7W		Digital Data Carrier
10950.0000 - 11200.0000 MHz	1M00G7D		Digital Data Carrier
10950.0000 - 11200.0000 MHz	36M0F2D		Digital Data Carrier
10950.0000 - 11200.0000 MHz	36M0F3F		Analog Video Carrier
10950.0000 - 11200.0000 MHz	72M0G7W		Digital Data Carrier
ANTENNA ID: 5	4.8 meters	VERTEX	4.8 KPK
14000.0000 - 14500.0000 MHz	72M0G7W	81.22 dBW	Digital Data Carrier
14000.0000 - 14500.0000 MHz	1M00G7D	65.17 dBW	Digital Data Carrier
11450.0000 - 12200.0000 MHz	72M0G7W		Digital Data Carrier
11450.0000 - 12200.0000 MHz	1M00G7D		Digital Data Carrier
10950.0000 - 11200.0000 MHz	72M0G7W		Digital Data Carrier
10950.0000 - 11200.0000 MHz	1M00G7D		Digital Data Carrier

Points of Communication:

- 1 - AMAZONAS 2 (S2793) - (61 W.L.)
- 1 - INTELSAT 707 - (53 W.L.)
- 1 - INTELSAT 805 (S2404) - (304.5 E.L.)
- 1 - INTELSAT 806 - (174 E.L.)
- 1 - INTELSAT POR - (180 E.L.)
- 1 - NSS 5 - (177 W.L.)
- 1 - NSS 9 (S2756) - (177 W.L.)
- 1 - PERMITTED LIST - ()
- 1 - PERMITTED LIST - ()
- 1 - Yamal 300K - (177 W.L.)

SES-MOD-20151102-00791 E E060445 HNS License Sub, LLC

Application for Modification

Class of Station: Other

Nature of Service: Fixed Satellite Service

HNS License Sub, LLC requests modification of its 20/30 GHz VSAT Network to add 5 million units of a new 74 cm. antenna, Antenna ID 74-cm (FD). The antenna will operate with currently authorized satellite points of communication in the 28.35-28.6 GHz and 29.25-30.0 GHz (Earth-to-space) and 18.3-19.3 GHz and 19.7-20.2 GHz (space-to-Earth) frequency bands. Hughes also requests a partial waiver of the cross-polarization gain requirements of 47 C.F.R. § 25.209(b) for Antenna ID 74-cm (FD). This application was amended by IBFS File No. SES-AMD-20160404-00321.

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

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
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
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
29500.0000 - 30000.0000 MHz	500MG7W	41.20 dBW		QPSK, DATA, INROUTE, 64 KSPS
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
	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
	28350.0000 - 2860.0000 MHz	650KG7W	45.80 dBW	512 KSPS, PSK, DIGITAL CARRIER
	19700.0000 - 20200.0000 MHz	500MG7W	0.00 dBW	500 MHZ, PSK, DIGITAL CARRIER
	18300.0000 - 19300.0000 MHz	100KG7W		100 MHZ, PSK, DIGITAL CARRIER

18300.0000 - 19300.0000 MHz	500MG7W		500 MHZ, PSK, PSK, DIGITAL CARRIER
19700.0000 - 20200.0000 MHz	100KG7W		100 KHZ, PSK, DIGITAL CARRIER
29250.0000 - 30000.0000 MHz	650KG7W	45.80 dBW	512 KSPS, 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

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 - ECHOSTAR -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 - ECHOSTAR -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 - ECHOSTAR -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.)

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-20160229-00182 E E070227 Globecomm License Sub LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Globecomm License Sub LLC requests modification of its fixed earth station in Hauppauge, NY, to: 1) remove Antenna IDs AOT-20, and AOT-24, 2) to add emission designators to existing Antennas IDs AOT-22, AOT-25, and AOT-26, 3) to add Antenna ID AOT-1 (Vertex 3.8m), 4) add Antenna ID? AOT-3 (Prodelin 2.4m), 5) add Antenna ID? AOT-5 (Andrew 3.7m), and 6) add Antenna ID? AOT-27 (Cobham 1.03m), to communicate with Permitted List satellites, in the 14.0-14.5 GHz (Earth-to-space), 10.95-11.20 GHz, 11.45-12.20 GHz, and 11.7-12.2 GHz (space-to-Earth) frequency bands. This application was amended by IBFS File No. SES-AMD-20160411-00327.

SITE ID: 1

LOCATION: 45 OSER AVENUE, SUFFOLK, HAUPPAUGE, NY

40 ° 48 ' 54.20 " N LAT.

73 ° 14 ' 12.20 " W LONG.

ANTENNA ID:	AOT-26	4.5 meters	ASC SIGNAL CORP.	ES45MPJ
	14000.0000 - 14500.0000 MHz	461KG7W	60.20 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	14000.0000 - 14500.0000 MHz	44K0G7W	50.00 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	14000.0000 - 14500.0000 MHz	3M40G7W	68.90 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	14000.0000 - 14500.0000 MHz	30M5G7W	78.40 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	11700.0000 - 12200.0000 MHz	461KG7W		DIGITAL VIDEO, AUDIO, AND DATA
	11700.0000 - 12200.0000 MHz	44K0G7W		DIGITAL VIDEO, AUDIO, AND DATA
	11700.0000 - 12200.0000 MHz	3M40G7W		DIGITAL VIDEO, AUDIO, AND DATA
	11700.0000 - 12200.0000 MHz	30M5G7W		DIGITAL VIDEO, AUDIO, AND DATA
	14000.0000 - 14500.0000 MHz	3M40G7D	68.90 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	44K0G7W	50.00 dBW	DIGITAL DATA CARRIERS

14000.0000 - 14500.0000 MHz	36M0G7W	79.10 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	500KG7W	60.50 dBW	DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
ANTENNA ID: AOT-25	4.8 meters	VERTEX/RSI	4.8M
14000.0000 - 14500.0000 MHz	461KG7W	61.50 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	44K0G7W	51.30 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	3M40G7W	70.20 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	30M5G7W	79.70 dBW	DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	461KG7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	44K0G7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	3M40G7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	30M5G7W		DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	36M0G7W	80.40 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	44K0G7W	51.30 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	500KG7W	61.80 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	3M40G7D	70.20 dBW	DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 12200.0000 MHz	44K0G7W	0.00 dBW	DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS

10950.0000 - 11200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 12200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
ANTENNA ID: AOT-22	4.8 meters	VERTEX/RSI	4.8M
14000.0000 - 14500.0000 MHz	27M5G7W	79.20 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	30M5G7W	79.70 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	3M40G7W	70.20 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	44K0G7W	51.30 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	461KG7W	61.50 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 14000.0000 MHz	30M5G7W	76.00 dBW	DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	30M5G7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	3M40G7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	461KG7W		DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	44K0G7W		DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	3M40G7D	70.20 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	44K0G7W	51.30 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	500KG7W	61.80 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	36M0G7W	80.40 dBW	DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS

	10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
	11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
ANTENNA ID:	AOT-1	3.8 meters	VERTEX	3.8DPK
	14000.0000 - 14500.0000 MHz	3M40G7D	68.50 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	44K0G7W	49.70 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	500KG7W	60.20 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	36M0G7W	69.30 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	10950.0000 - 11200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
	10950.0000 - 11200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
	10950.0000 - 11200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
	11450.0000 - 12200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
	11450.0000 - 12200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
	11450.0000 - 12200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
	10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
	11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
ANTENNA ID:	AOT-3	2.4 meters	PRODELIN	1251-502
	14000.0000 - 14500.0000 MHz	3M40G7D	64.50 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	44K0G7W	45.60 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	500KG7W	56.10 dBW	DIGITAL DATA CARRIERS
	14000.0000 - 14500.0000 MHz	36M0G7W	65.00 dBW	DIGITAL VIDEO, AUDIO, AND DATA
	10950.0000 - 11200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
	10950.0000 - 11200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
	10950.0000 - 11200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
	11450.0000 - 12200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
	11450.0000 - 12200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
	11450.0000 - 12200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS

10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
ANTENNA ID: AOT-5	3.7 meters	ANDREW	ES37MPK
14000.0000 - 14500.0000 MHz	3M40G7D	68.60 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	44K0G7W	49.70 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	500KG7W	60.20 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	36M0G7W	70.20 dBW	DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
11450.0000 - 12200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
ANTENNA ID: AOT-27	1.03 meters	SAILOR	900
14000.0000 - 14500.0000 MHz	3M40G7D	52.90 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	44K0G7W	34.00 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	500KG7W	44.50 dBW	DIGITAL DATA CARRIERS
14000.0000 - 14500.0000 MHz	36M0G7W	57.20 dBW	DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	3M40G7D		DIGITAL DATA CARRIERS
11700.0000 - 12200.0000 MHz	44K0G7W		DIGITAL DATA CARRIERS
11700.0000 - 12200.0000 MHz	500KG7W		DIGITAL DATA CARRIERS
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA

Points of Communication:

1 - HISPASAT 1C - (30.0 W.L.)

1 - PERMITTED LIST - ()

SES-MOD-20160411-00331 E E060248 Spokane Public Radio Inc
Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Spokane Public Radio Inc. requests modification of a receive-only earth station in Spokane, WA, to correct its coordinates and replace the antenna. This earth station to operate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 1229 N MONROE STREET, SPOKANE, SPOKANE, WA

47 ° 40 ' 8.10 " N LAT.

117 ° 25 ' 38.70 " W LONG.

ANTENNA ID:	1	3.8 meters	DH SATELLITE	D38P48-4PC
	3700.0000 - 4200.0000 MHz		10M3G7W	DIGITAL DATA CARRIER
	3700.0000 - 4200.0000 MHz		30K0F1D	DIGITAL DATA CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20160325-00278 E E000296 Intelsat License LLC
Special Temporary Authority

Class of Station:

Intelsat License LLC requests special temporary authority for 180 days, beginning May 2, 2016, to operate its fixed earth station in Hagerstown, MD, to provide launch and early orbit phase (LEOP) services for the Eutelsat-117WB (a.k.a. Satmex-9) satellite using the following center frequencies: 6421.3MHz, 6423.3 MHz (Earth-to-space) and 4198.2 MHz and 4199.8 MHz (space-to-Earth).

Points of Communication:

SES-STA-20160325-00279 E E4132 Intelsat License LLC
Special Temporary Authority

Class of Station:

Intelsat License LLC requests special temporary authority for 180 days, beginning May 2, 2016, to operate its fixed earth station in Fillmore, CA, to provide launch and early orbit phase (LEOP) services for the Eutelsat-117WB (a.k.a. Satmex-9) satellite using the following center frequencies: 6421.3MHz, 6423.3 MHz (Earth-to-space) and 4198.2 MHz and 4199.8 MHz (space-to-Earth).

Points of Communication:

SES-STA-20160325-00281 E E040125 Intelsat License LLC
Special Temporary Authority

Class of Station:

Intelsat License LLC requests special temporary authority for 180 days, to operate its fixed earth station in Riverside, CA, to provide launch and early orbit phase (LEOP) services for the Eutelsat-117WB (a.k.a. Satmex-9) satellite using the following center frequencies: 6421.30 MHz, and 6423.30 MHz (Earth-to-space), and 4198.20 MHz, and 4199.80 MHz (space-to-Earth).

Points of Communication:

SES–STA–20160325–00283 E E040174 Intelsat License LLC

Special Temporary Authority

Class of Station:

Intelsat License LLC requests special temporary authority for 180 days, to operate its fixed earth station in Castle Rock, CO, to provide launch and early orbit phase (LEOP) services for the Eutelsat-117WB (a.k.a. Satmex-9) satellite using the following center frequencies: 6421.30 MHz, and 6423.30 MHz (Earth-to-space), and 4198.20 MHz, and 4199.80 MHz (space-to-Earth).

Points of Communication:

SES–STA–20160325–00285 E KA275 Intelsat License LLC

Special Temporary Authority

Class of Station:

Intelsat License LLC requests special temporary authority for 180 days, to operate its fixed earth station in Hagerstown, MD, to provide launch and early orbit phase (LEOP) services for the Eutelsat-117WB (a.k.a. Satmex-9) satellite using the following center frequencies: 6421.30 MHz, and 6423.30 MHz (Earth-to-space), and 4198.20 MHz, and 4199.80 MHz (space-to-Earth).

Points of Communication:

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