



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01698

Wednesday November 12, 2014

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-LIC-20140618-00529 E E140059 SES Americom, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2323 Grimville Road (Woodbine), Carroll, Mount Airy, MD

39 ° 22 ' 37.10 " N LAT.

77 ° 4 ' 45.60 " W LONG.

ANTENNA ID:	K-10	7.6 meters	ASC	7.6m Ku ESA
11700.0000 - 12200.0000 MHz		36M0D7W		PSK, Digital video, audio and data
11700.0000 - 12200.0000 MHz		36M0G7W		PSK, Digital video, audio and data
11700.0000 - 12200.0000 MHz		100KD7W		PSK, Digital data
11700.0000 - 12200.0000 MHz		100KG7W		PSK, Digital data
11700.0000 - 12200.0000 MHz		N0N		Tracking Beacon
11700.0000 - 12200.0000 MHz		500KG9D		PSK, Telemetry
14000.0000 - 14500.0000 MHz		36M0D7W	84.50 dBW	PSK, Digital video, audio and data
14000.0000 - 14500.0000 MHz		36M0G7W	84.50 dBW	PSK, Digital video, audio and data
14000.0000 - 14500.0000 MHz		N0N	51.00 dBW	CW Test carrier

14000.0000 - 14500.0000 MHz	1M00F9D	75.00 dBW	FM, Telecommand
14000.0000 - 14500.0000 MHz	100KD7W	59.00 dBW	PSK, Digital data
14000.0000 - 14500.0000 MHz	100KG7W	59.00 dBW	PSK, Digital data

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20140912-00723 E E140095 SES Americom, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2323 GRIMVILLE ROAD Woodbine-C-12,C-13,C-14, CARROLL, MOUNT AIRY, MD

39 ° 22 ' 39.50 " N LAT.

77 ° 4 ' 51.50 " W LONG.

ANTENNA ID:	C-12	7.3 meters	GD Satcom	7.3KPC
3700.0000 - 4200.0000 MHz	36M0G7W			PSK, Digital video, audio and data
3700.0000 - 4200.0000 MHz	36M0D7W			PSK, Digital video, audio and data
3700.0000 - 4200.0000 MHz	100KG7W			PSK, Digital data
3700.0000 - 4200.0000 MHz	100KD7W			PSK, Digital data
3700.0000 - 4200.0000 MHz	500KG9D			PSK, Telemetry
3700.0000 - 4200.0000 MHz	N0N			CW, Tracking Beacon
5925.0000 - 6425.0000 MHz	36M0G7W	83.80 dBW		PSK, Digital video, audio and data
5925.0000 - 6425.0000 MHz	36M0D7W	83.80 dBW		PSK, Digital video, audio and data
5925.0000 - 6425.0000 MHz	100KG7W	63.10 dBW		PSK, Digital data
5925.0000 - 6425.0000 MHz	100KD7W	63.10 dBW		PSK, Digital data
5925.0000 - 6425.0000 MHz	1M00F9D	76.30 dBW		FM, Telecommand
5925.0000 - 6425.0000 MHz	N0N	52.30 dBW		CW, Test carrier
ANTENNA ID:	C-13	11.1 meters	GD Satcom	11.1 KPC
3700.0000 - 4200.0000 MHz	36M0G7W			PSK, Digital video, audio and data
3700.0000 - 4200.0000 MHz	36M0D7W			PSK, Digital video, audio and data

3700.0000 - 4200.0000 MHz	100KG7W		PSK, Digital data
3700.0000 - 4200.0000 MHz	100KD7W		PSK, Digital data
3700.0000 - 4200.0000 MHz	N0N		CW, tracking beacon
3700.0000 - 4200.0000 MHz	500KG9D		PSK, Telemetry
5925.0000 - 6425.0000 MHz	36M0G7W	83.90 dBW	PSK, Digital video, audio and data
5925.0000 - 6425.0000 MHz	36M0D7W	83.90 dBW	PSK, Digital video, audio and data
5925.0000 - 6425.0000 MHz	100KG7W	66.90 dBW	PSK, Digital data
5925.0000 - 6425.0000 MHz	100KD7W	66.90 dBW	PSK, Digital data
5925.0000 - 6425.0000 MHz	N0N	56.10 dBW	CW, Test carrier
5925.0000 - 6425.0000 MHz	1M00F9D	80.10 dBW	FM, Telecommand
ANTENNA ID: C-14	7.3 meters	ASC Signal	7.3 ESA
3700.0000 - 4200.0000 MHz	36M0G7W		PSK, Digital video, audio and data
3700.0000 - 4200.0000 MHz	36M0D7W		PSK, Digital video, audio and data
3700.0000 - 4200.0000 MHz	100KG7W		PSK, Digital data
3700.0000 - 4200.0000 MHz	100KD7W		PSK, Digital data
3700.0000 - 4200.0000 MHz	N0N		CW, Tracking beacon
3700.0000 - 4200.0000 MHz	500KG9D		PSK, Telemetry
5925.0000 - 6425.0000 MHz	36M0G7W	83.90 dBW	PSK, Digital video, audio and data
5925.0000 - 6425.0000 MHz	36M0D7W	83.90 dBW	PSK, Digital video, audio and data
5925.0000 - 6425.0000 MHz	100KG7W	62.90 dBW	PSK, Digital data
5925.0000 - 6425.0000 MHz	100KD7W	62.90 dBW	NULL
5925.0000 - 6425.0000 MHz	N0N	52.10 dBW	CW, Test carrier
5925.0000 - 6425.0000 MHz	1M00F9D	76.10 dBW	FM, Telecommand

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20141008-00789 E E140102 Orange Business Services U.S. Inc

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 101 Raines Street, Mecklenburg, South Hill, VA

36 ° 42 ' 18.40 " N LAT.

78 ° 7 ' 15.80 " W LONG.

ANTENNA ID:	South Hill	2.4 meters	Prodelin	1244
6368.0000 - 6412.0000 MHz		205KG7D	42.00 dBW	QPSK 8PSK VSAT Digital Data
6368.0000 - 6412.0000 MHz		819KG7D	48.10 dBW	QPSK 8PSK VSAT Digital Data
3700.0000 - 4200.0000 MHz		819KG7D		QPSK 8PSK VSAT Digital Data
3700.0000 - 4200.0000 MHz		205KG7D		QPSK 8PSK VSAT Digital Data

Points of Communication:

1 - SES-6 (S2870) - (40.5 W.L.)

SES-LIC-20141027-00819 E E140109 Planet Labs Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service

SITE ID: LAS CRUCES-1

LOCATION: Thomas & Brown Hall 1125 Frenger St., Dona Any County, Las Cruces, NM

32 ° 16 ' 48.00 " N LAT.

106 ° 45 ' 0.00 " W LONG.

ANTENNA ID:	UHF_UL	2.7 meters	M2 Inc.	450CP34
449.9700 - 450.0300 MHz		60K0F1D	25.48 dBW	Digital: TT&C, GFSK
ANTENNA ID:	UHF_DL	2.7 meters	M2 Inc.	400CP30
401.2700 - 401.3300 MHz		60K0F1D	0.00 dBW	Digital: TT&C, GFSK

Points of Communication:

LAS CRUCES-1 - FLOCK 1 (S2912) - (NGSO)

SES-LIC-20141106-00844 E E140115 DIRECTV Enterprises, LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 9608 EAST OLD VAIL RD. (SWUF), PIMA COUNTY, TUCSON, AZ
32 ° 5 ' 31.10 " N LAT. 110 ° 47 ' 14.80 " W LONG.

ANTENNA ID:	SWKU5	13.2 meters	General Dynamics	GD-13.2M.
14000.0000 - 14500.0000 MHz	24M0G7W	84.80 dBW	Digitally modulated video carrier	
11700.0000 - 12200.0000 MHz	24M0G7W	0.00 dBW	Digitally modulated video carrier	
11700.0000 - 12200.0000 MHz	36M0G7W	0.00 dBW	Digitally modulated video carrier	
14000.0000 - 14500.0000 MHz	36M0G7W	84.80 dBW	Digitally modulated video carrier	

Points of Communication:

1 - PERMITTED LIST - ()

SES-MFS-20140924-00769 E E060299 DIRECTV Enterprises, LLC

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Direct to Home Fixed Satellite, Fixed Satellite Service

DIRECTV Enterprise, LLC requests modification of its Ka-band fixed earth station in Moxee, WA, to add the Permitted Space Station List satellites as points of communication, using the following frequency bands: 18.3-18.8 GHz, 19.7-20.2 GHz (space-to Earth); and 28.35-28.6 GHz, 29.25-30.0 GHz (Earth-to-space).

SITE ID: 1
LOCATION: 106 GRANT WAY (NWUF), YAKIMA, MOXEE, WA
46 ° 33 ' 55.50 " N LAT. 120 ° 23 ' 53.40 " W LONG.

ANTENNA ID:	KA1	9.2 meters	Vertex RSI	9mKa-01-00
29250.0000 - 30000.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO	
28350.0000 - 28600.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO	
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO	
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO	
ANTENNA ID:	KA2	9.2 meters	Vertex RSI	9mKA-01-00
29250.0000 - 30000.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO	
28350.0000 - 28600.0000 MHz	36M0G7W	83.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO	
19700.0000 - 20200.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO	
18300.0000 - 18800.0000 MHz	36M0G7W	0.00 dBW	PSK MOD DIGITAL VIDEO/AUDIO	

Points of Communication:

- 1 - DIRECTV 12 - (103 W.L.)
 - 1 - DIRECTV 8 (K) - (101 W.L.)
 - 1 - DIRECTV 9S - (101 W.L.)
 - 1 - PERMITTED LIST - ()
 - 1 - SPACEWAY 1 - (103 W.L.)
 - 1 - SPACEWAY 2 - (99 W.L.)
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SES-MFS-20141003-00786 E E080059 Inmarsat Hawaii Inc.

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, Feeder Link for Mobile Satellite Service, Mobile Satellite Service, Radionavigation Satellite Service

Inmarsat Hawaii Inc. requests modification of its fixed earth station in Haleiwa, HI, to communicate with the Inmarsat 4F3 satellite at the 98.0° W.L. orbital location as a point of communication using its currently authorized C-band and L-band frequencies.

SITE ID: 1

LOCATION: P.O. Box 698 58-350 Kamehameha Hwy, Haleiwa, HI
21 ° 40 ' 10.40 " N LAT. 158 ° 1 ' 59.40 " W LONG.

ANTENNA ID:	16m HAW1	16.4 meters	Vertex	16M
6538.5500 - 6558.5500 MHz		20M0X2D	85.00 dBW	BPSK/Navigational Carrier
6532.5200 - 6536.5200 MHz		4M00X2D	85.00 dBW	BPSK/Navigational Carrier
6425.0000 - 6575.0000 MHz		750HG7D	63.70 dBW	Digital Data/Feeder link via 4F1 & 4F3
6425.0000 - 6575.0000 MHz		2K50G1D	59.60 dBW	Packet-switched data
6425.0000 - 6575.0000 MHz		2K50G1D	61.00 dBW	Packet-switched data
6425.0000 - 6575.0000 MHz		10K0G1D	63.70 dBW	Circuit-switched data
6425.0000 - 6575.0000 MHz		5K00G1D	60.70 dBW	Circuit-switched data
6425.0000 - 6575.0000 MHz		17K5G1E	63.70 dBW	Circuit-switched voice
6425.0000 - 6475.0000 MHz		5K00G1D	58.60 dBW	Packet-switched data
6338.0000 - 6342.0000 MHz		1M40F2D	89.00 dBW	Digital Data/TTAC (Emergency)
6338.0000 - 6342.0000 MHz		1M40F3X	89.00 dBW	Digital Data/TTAC (Emergency)
6338.0000 - 6342.0000 MHz		1M40F2D	69.00 dBW	Digital Data/TTAC (On-Station)

6338.0000 - 6342.0000 MHz	1M40F3X	69.00 dBW	Digital Data/TTAC (On-Station)
6338.0000 - 6342.0000 MHz	1M40F2D	77.00 dBW	Digital Data/TTAC (On-Station)
6338.0000 - 6342.0000 MHz	1M40F3X	77.00 dBW	Digital Data/TTAC (On-Station)
3945.0000 - 3955.0000 MHz	200KG7D		Digital Data/TTAC
3945.0000 - 3955.0000 MHz	750HG7D		Digital Data/TTAC
3600.0000 - 3700.0000 MHz	750HG7D	0.00 dBW	Digital Data/Feeder link via 4F1 & 4F3
3600.0000 - 3700.0000 MHz	2K50G1D		Packet-switched data
3600.0000 - 3700.0000 MHz	5K00G1D		Packet-switched data
3600.0000 - 3700.0000 MHz	10K0G1D		Circuit-switched data
3600.0000 - 3700.0000 MHz	5K00G1D		Circuit-switched data
3600.0000 - 3700.0000 MHz	17K5G1E		Circuit-switched voice
1626.5000 - 1660.5000 MHz	100KN0N	41.00 dBW	Unmodulated Continuous Wave Pilot Carriers
1525.0000 - 1559.0000 MHz	100KN0N		Unmodulated Continuous Wave Pilot Carriers
6425.0000 - 6575.0000 MHz	45K0G7D	65.50 dBW	Packet-switched and IDSN
3600.0000 - 3700.0000 MHz	45K0G7D		Packet-switched and IDSN

SITE ID: 2

LOCATION: P.O. Box 698 58-350 Kamehameha Hwy, Haleiwa, HI
21 ° 40 ' 11.30 " N LAT.

158 ° 1 ' 59.60 " W LONG.

ANTENNA ID: 16m HAW2 16.4 meters Vertex 16M

6538.5500 - 6558.5500 MHz	20M0X2D	85.00 dBW	BPSK/Navigational Carrier
6532.5200 - 6536.5200 MHz	4M00X2D	85.00 dBW	BPSK/Navigational Carrier
6425.0000 - 6575.0000 MHz	750HG7D	63.70 dBW	Digital Data/Feeder link via 4F1 & 4F3
6425.0000 - 6575.0000 MHz	2K50G1D	59.60 dBW	Packet-switched data
6425.0000 - 6575.0000 MHz	2K50G1D	61.00 dBW	Packet-switched data
6425.0000 - 6575.0000 MHz	5K00G1D	58.60 dBW	Packet-switched data
6425.0000 - 6575.0000 MHz	10K0G1D	63.70 dBW	Circuit-switched data

6425.0000 - 6575.0000 MHz	5K00G1D	60.70 dBW	Circuit-switched data
6425.0000 - 6575.0000 MHz	17K5G1E	63.70 dBW	Circuit-switched voice
6338.0000 - 6342.0000 MHz	1M40F2D	89.00 dBW	Digital Data/TTAC (Emergency)
6338.0000 - 6342.0000 MHz	1M40F3X	89.00 dBW	Digital Data/TTAC (Emergency)
6338.0000 - 6342.0000 MHz	1M40F2D	69.00 dBW	Digital Data/TTAC (On-Station)
6338.0000 - 6342.0000 MHz	1M50F3X	69.00 dBW	Digital Data/TTAC (On-Station)
6338.0000 - 6342.0000 MHz	1M40F2D	77.00 dBW	Digital Data/TTAC (On-Station)
6338.0000 - 6342.0000 MHz	1M40F3X	77.00 dBW	Digital Data/TTAC (On-Station)
3945.0000 - 3955.0000 MHz	200KG7D		Digital Data/TTAC
3945.0000 - 3955.0000 MHz	750HG7D		Digital Data/TTAC
3600.0000 - 3700.0000 MHz	750HG7D	0.00 dBW	Digital Data/Feeder link via 4F1 & 4F3
3600.0000 - 3700.0000 MHz	2K50G1D		Packet-switched data
3600.0000 - 3700.0000 MHz	5K00G1D		Packet-switched data
3600.0000 - 3700.0000 MHz	10K0G1D		Circuit-switched data
3600.0000 - 3700.0000 MHz	5K00G1D		Circuit-switched data
3600.0000 - 3700.0000 MHz	17K5G1E		Circuit-switched voice
1626.5000 - 1660.5000 MHz	100KN0N	41.00 dBW	Unmodulated Continuous Wave Pilot Carriers
1525.0000 - 1559.0000 MHz	100KN0N		Unmodulated Continuous Wave Pilot Carriers
3600.0000 - 3700.0000 MHz	45K0G7D		Packet-switched and IDSN
6425.0000 - 6575.0000 MHz	45K0G7D	65.50 dBW	Packet-switched and IDSN

SITE ID: 3

LOCATION: P.O. Box 698 58-350 Kamehameha Hwy, Haleiwa, HI
21 ° 40 ' 10.10 " N LAT.

158 ° 1 ' 59.20 " W LONG.

ANTENNA ID: 16m HAW3 1.8 meters Prodelin 1184

1166.4500 - 1186.4500 MHz 20M0X2D Navigational Carrier via I4F3

1573.4200 - 1577.4200 MHz 4M00X2D Navigational Carrier via I4F3

Points of Communication:

1 - INMARSAT 4F1 - (143.5 E.L.)

1 - INMARSAT 4F3 - (98 W.L.)

2 - INMARSAT 4F1 - (143.5 E.L.)

2 - INMARSAT 4F3 - (98 W.L.)

3 - INMARSAT 4F3 - (98 W.L.)

SES-MFS-20141003-00787 E KA25 Inmarsat Hawaii Inc.

Modification

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

Inmarsat Hawaii Inc. requests modification of its fixed earth station in Haleiwa, HI, to communicate with the Inmarsat 4F3 satellite at the 98.0° W.L. orbital location as a point of communication using its currently authorized C-band and L-band frequencies.

SITE ID: 1

LOCATION: P.O. BOX 698 58-350, KAMEHAMEHA HWY, HALEIWA, HI
21 ° 40 ' 14.60 " N LAT. 158 ° 2 ' 3.10 " W LONG.

ANTENNA ID:	1	19 meters	TIW (CFPA19M)	19M
6538.5500 - 6558.5500 MHz		20M0X2D	85.00 dBW	NAVIGATIONAL CARRIER via 4F1 and 4F3
6532.5200 - 6536.5200 MHz		4M00X2D	85.00 dBW	NAVIGATIONAL CARRIER via 4F1 and 4F3
6425.0000 - 6575.0000 MHz		200KG7D	80.70 dBW	DIGITAL DATA
6425.0000 - 6575.0000 MHz		750HG7D	63.70 dBW	DIGITAL DATA
6425.0000 - 6575.0000 MHz		200KG7D	80.70 dBW	DIGITAL DATA/Feeder Link & AFC via 4F1 and 4F3
6425.0000 - 6575.0000 MHz		750HG7D	63.70 dBW	DIGITAL DATA/Feeder Link & AFC via 4F1 and 4F3
6425.0000 - 6575.0000 MHz		2K50G1D	59.60 dBW	Packet-switched data
6425.0000 - 6575.0000 MHz		2K50G1D	61.00 dBW	Packet-switched data
6425.0000 - 6575.0000 MHz		10K0G1D	63.70 dBW	Circuit-switched data
6425.0000 - 6575.0000 MHz		5K00G1D	60.70 dBW	Circuit-switched data
6425.0000 - 6575.0000 MHz		17K5G1E	63.70 dBW	Circuit-switched voice
6425.0000 - 6475.0000 MHz		5K00G1D	58.60 dBW	Packet-switched data

6390.3000 - 6425.0000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
6390.3000 - 6425.0000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
6350.6000 - 6360.0000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
6338.4000 - 6340.3000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
6338.0000 - 6342.0000 MHz	1M40F2D	89.00 dBW	DIGITAL DATA/TTAC (EMERGENCY)
6338.0000 - 6342.0000 MHz	1M40F3X	89.00 dBW	DIGITAL DATA/TTAC (EMERGENCY)
6338.0000 - 6342.0000 MHz	1M40F2D	69.00 dBW	DIGITAL DATA/TTAC (ON-STATION)
6338.0000 - 6342.0000 MHz	1M40F3X	69.00 dBW	DIGITAL DATA/TTAC (ON-STATION)
6338.0000 - 6342.0000 MHz	1M40F2D	77.00 dBW	DIGITAL DATA/TTAC (EMERGENCY)
6338.0000 - 6342.0000 MHz	1M40F3X	77.00 dBW	DIGITAL DATA /TTAC (ON-STATION)
6242.0000 - 6308.1000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
6172.0000 - 6178.0000 MHz	800KFXD	93.00 dBW	COMMAND/TTC&M
6172.0000 - 6178.0000 MHz	800KFXD	93.00 dBW	TRACKING, TELEMETRY AND RANGING CARRIER
6145.7000 - 6189.5000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
6098.6000 - 6115.4000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
6027.1000 - 6088.3000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
5990.0000 - 5996.8000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
5925.0000 - 6425.0000 MHz	1M50F3X	93.00 dBW	TEST/TTC&M
5925.0000 - 5930.0000 MHz	800KFXD	93.00 dBW	TTC&M COMMAND AND RANGING CARRIER
5850.0000 - 5925.0000 MHz	1M50F3X	93.00 dBW	TEST/TTC&M

3947.0000 - 3953.0000 MHz	800KGXD		TELEMETRY/TTC&M
3945.0000 - 3955.0000 MHz	200KG7D		DIGITAL DATA
3945.0000 - 3955.0000 MHz	750HG7D		DIGITAL DATA
3945.0000 - 3955.0000 MHz	200KG7D		DIGITAL DATA/TTAC
3945.0000 - 3955.0000 MHz	750HG7D		DIGITAL DATA/TTAC
3700.0000 - 4200.0000 MHz	1M50F3X		TEST/TTC&M
3700.0000 - 4200.0000 MHz	800KFXD		TRACKING, TELEMETRY AND RANGING CARRIER
3625.0000 - 3700.0000 MHz	1M50F3X		TEST/TTC&M
3600.0000 - 3700.0000 MHz	200KG7D		DIGITAL DATA
3600.0000 - 3700.0000 MHz	750HG7D		DIGITAL DATA
3600.0000 - 3700.0000 MHz	200KG7D		DIGITAL DATA/Feeder Link & AFC via 4F1 & 4F3
3600.0000 - 3700.0000 MHz	750HG7D		DIGITAL DATA/Feeder Link & AFC via 4F1 & 4F3
3600.0000 - 3700.0000 MHz	2K50G1D		Packet-switched data
3600.0000 - 3700.0000 MHz	2K50G1D		Packet-switched data
3600.0000 - 3700.0000 MHz	5K00G1D		Packet-switched data
3600.0000 - 3700.0000 MHz	10K0G1D		Circuit-switched data
3600.0000 - 3700.0000 MHz	5K00G1D		Circuit-switched data
3600.0000 - 3700.0000 MHz	17K5G1E		Circuit-switched voice
1626.5000 - 1660.5000 MHz	100KN0N	41.00 dBW	UNMODULATED CONTINUOUS WAVE PILOT CARRIERS
1626.5000 - 1660.5000 MHz	100KN0N	41.00 dBW	Unmodulated continuous wave pilot carriers/Automatic Frequency compensation (AFC) via 4F1 & 4F3
1525.0000 - 1559.0000 MHz	100KN0N		UNMODULATED CONTINUOUS WAVE PILOT CARRIERS
1525.0000 - 1559.0000 MHz	100KN0N		Unmodulated continuous wave pilot carriers/Automatic Frequency compensation (AFC) via 4F1 & 4F3
3600.0000 - 3700.0000 MHz	45K0G7D		Packet-switched data and ISDN

6425.0000 - 6575.0000 MHz	45K0G7D	65.50 dBW	Packet-switched data and ISDN
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Points of Communication:

- 1 - INMARSAT 4F1 - (143.5 E.L.)
- 1 - INMARSAT 4F3 - (98 W.L.)
- 1 - INTELSAT POR - (157.0 E.L.)
- 1 - INTELSAT POR - (176.0 E.L.)
- 1 - INTELSAT POR - (178.0 E.L.)
- 1 - INTELSAT POR - (180.0 E.L.)
- 1 - INTELSAT POR(S2394) - (174.0 E.L.)
- 1 - New Skies 513 - (183 E.L.)
- 1 - PERMITTED LIST - ()

SES-MOD-20140930-00779 E E090060 SES Americom, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SES Americom, Inc. requests modification to add emission designators, increase the EIRP and EIRP density and change the coordinated arc to communicate with Permitted List satellites via its fixed earth station in Sunset Beach, HI, in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: 58-350 Kamehameha Hwy, Comsat Road (SSB C2), Haleiwa, Sunset Beach, HI
21 ° 40 ' 14.00 " N LAT. 158 ° 1 ' 56.00 " W LONG.

ANTENNA ID:	(SSB C2)	9 meters	VERTEX	9MKP
5925.0000 - 6425.0000 MHz	36M0F8W	79.80 dBW	FM, ANALOG VIDEO, AUDIO AND DATA	
5925.0000 - 6425.0000 MHz	1M00G7D	74.60 dBW	TT&C	
5925.0000 - 6425.0000 MHz	36M0F7D	79.80 dBW	FM, ANALOG VIDEO, AUDIO AND DATA	
5925.0000 - 6425.0000 MHz	36M0G7W	79.80 dBW	PSK, DIGITAL VIDEO, AUDIO AND DATA	
3700.0000 - 4200.0000 MHz	36M0F8W		FM, ANALOG VIDEO, AUDIO AND DATA	
3700.0000 - 4200.0000 MHz	1M00G7D		TT&C	

3700.0000 - 4200.0000 MHz	36M0F7D		FM, ANALOG VIDEO, AUDIO AND DATA
3700.0000 - 4200.0000 MHz	36M0G7W		PSK, DIGITAL VIDEO, AUDIO AND DATA
5925.0000 - 6425.0000 MHz	36M0D7W	79.80 dBW	PSK, DIGITAL VIDEO, AUDIO AND DATA
5925.0000 - 6425.0000 MHz	100KG7W	64.70 dBW	PSK, DIGITAL AUDIO AND DATA
5925.0000 - 6425.0000 MHz	100KD7W	64.70 dBW	PSK, DIGITAL AUDIO AND DATA
5925.0000 - 6425.0000 MHz	1M00F9D	77.90 dBW	FM, TELECOMMAND
5925.0000 - 6425.0000 MHz	N0N	53.90 dBW	CW, TEST CARRIER
3700.0000 - 4200.0000 MHz	36M0D7W		PSK, DIGITAL VIDEO, AUDIO AND DATA
3700.0000 - 4200.0000 MHz	100KG7W		PSK, DIGITAL AUDIO AND DATA
3700.0000 - 4200.0000 MHz	100KD7W		PSK, DIGITAL AUDIO AND DATA
3700.0000 - 4200.0000 MHz	N0N		CW, TRACKING BEACON
3700.0000 - 4200.0000 MHz	500KG9D		PSK, TELEMETRY

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20141027-00820 E E140036 Planet Labs Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Earth Exploration Satellite Service

Planet Labs Inc. requests modification to add two 2.7-meter antennas to communicate with the Planet Labs Flock 1 satellites, via its fixed earth station in Half Moon, CA, using the following center frequencies: 449.97-450.03 MHz (Earth-to-space) and 401.27-401.33 MHz (space-to-Earth).

SITE ID: 1

LOCATION: 1 Meyn Road, San Mateo County, Half Moon Bay, CA
37 ° 23 ' 6.40 " N LAT.

122 ° 24 ' 47.43 " W LONG.

ANTENNA ID: 1 2.7 meters M2 Inc. 450CP34

449.9700 - 450.0300 MHz 60K0F1D 25.48 dBW Digital: TT&C, GFSK

ANTENNA ID: 2 2.7 meters M2 Inc. 400CP30

401.2700 - 401.3300 MHz 60K0F1D 0.00 dBW Digital: TT&C, GFSK

ANTENNA ID:	3	2.7 meters	M2 INC.	450CP34
	449.9700 - 450.0300 MHz		60K0F1D	25.48 dBW
				DIGITAL
ANTENNA ID:	4	2.7 meters	M2 INC.	400PC30
	401.2700 - 401.3300 MHz		60K0F1D	
				DIGITAL
Points of Communication:				
	1 - FLOCK 1 (S2912) - (NGSO)			

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