PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01885 **Wednesday September 14, 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-LIC-20160713-00653 E E160135 Telesat Network Services, Inc.
Application for Authority
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Mt. Jax
LOCATION: 1305 Industrial Park Road, Shenandoah, Mount Jackson, VA
38 ° 43 ' 47.70 " N LAT. 78 ° 39 ' 28.60 " W LONG.

ANTENNA ID: Jax 9.4m 9.4 meters ASC Signal 9.4

18300.0000 - 18800.0000 MHz	112MG7D		Variable modulation with a maximum of 32 APSK and minimum of QPSK
19700.0000 - 20200.0000 MHz	112MG7D		Variable modulation with a maximum of 32 APSK and minimum of QPSK
18300.0000 - 18800.0000 MHz	500KG7D		Variable modulation with a maximum of 32 APSK and minimum of QPSK
19700.0000 - 20200.0000 MHz	500KG7D		Variable modulation with a maximum of 32 APSK and minimum of QPSK
27600.0000 - 28600.0000 MHz	112MG7D	90.00 dBW	Variable modulation with a maximum of 32 APSK and minimum of QPSK
29300.0000 - 30000.0000 MHz	112MG7D	90.00 dBW	Variable modulation with a maximum of 32 APSK and minimum of QPSK

27600.0000 - 28600.0000 MHz	500KG7D	66.50 dBW	Variable modulation with a maximum of 32 APSK and minimum of QPSK
19700.0000 - 30000.0000 MHz	500KG7D	66.50 dBW	Variable modulation with a maximum of 32 APSK and minimum of QPSK
18300.0000 - 18800.0000 MHz	56M0G7D		Variable modulation with a maximum of 32 APSK and minimum of QPSK
19700.0000 - 20200.0000 MHz	56M0G7D		Variable modulation with a maximum of 32 APSK and minimum of QPSK
27600.0000 - 28600.0000 MHz	56M0G7D	87.00 dBW	Variable modulation with a maximum of 32 APSK and minimum of QPSK
29300.0000 - 30000.0000 MHz	56M0G7D	87.00 dBW	Variable modulation with a maximum of 32 APSK and minimum of QPSK

Points of Communication:

Mt. Jax - TELSTAR 19V - (63 W.L.)

SES-LIC-20160907-00763 E E160147 Highlands Fellowship Church **EZ**

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Ku band Transportable, Transportable

ANTENNA ID: One 3.7 meters Andrew ES37AA-OM37T

14000.0000 - 14500.0000 MHz	450KG7W	52.80 dBW	Digital PSK modulation of audio and video with data content
11700.0000 - 12200.0000 MHz	450KG7W		Digital PSK modulation of audio and video with data content
14000.0000 - 14500.0000 MHz	36M0G7W	71.83 dBW	Digital PSK modulation of audio and video with data content
11700.0000 - 12200.0000 MHz	36M0G7W		Digital PSK modulation of audio and video with data content

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20160913-00777 E E160148 KCBD License Subsidiary, LLC **EZ**

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION:

ANTENNA ID: 1 1.4 meters AVL Technologies 1410K

14000.0000 - 14500.0000 MHz 36M0G7W 65.47 dBW Compressed Digital Video and Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-MFS-20160816-00729 E E140097 The Boeing Company
Modification
Class of Station: Other

Nature of Service: Fixed Satellite Service, Other

The Boeing Company requests modification of its Earth Station Aboard Aircraft (ESAA) license, to operate with the Galaxy 17 satellite at the 91° W.L. orbital location, and the Galaxy 28 satellite at the 89° W.L. orbital location in the 14.0-14.5 GHz (Earth-to-space) and the 11.45-11.7 GHz, 11.7-12.2 GHz and 12.2-12.75 GHz (space-to-Earth) frequency bands.

SITE ID: Aircraft
LOCATION: Operate up to 100 ESAA Terminals GLOBAL
0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: BPA 0.381 meters Boeing Boeing Phased Array

14000.0000 - 14500.0000 MHz 420KG7D 31.70 dBW Direct Sequence Spread Spectrum, O-QPSK

14000.0000 - 14500.0000 MHz 32M4G7D 50.60 dBW Direct Sequence Spread Spectrum, O-QPSK

11450.0000 - 11700.0000 MHz 420KG7D 0.00 dBW Direct Sequence Spread Spectrum, O-QPSK

11450.0000 - 11700.0000 MHz 32M4G7D 0.00 dBW Direct Sequence Spread Spectrum, O-QPSK

11700.0000 - 12200.0000 MHz 420KG7D 0.00 dBW Direct Sequence Spread Spectrum, O-QPSK

11700.0000 - 12200.0000 MHz 32M4G7D 0.00 dBW Direct Sequence Spread Spectrum, O-QPSK

12200.0000 - 12750.0000 MHz 420KG7D 0.00 dBW Direct Sequence Spread Spectrum, O-QPSK

12200.0000 - 12750.0000 MHz 32M4G7D 0.00 dBW Direct Sequence Spread Spectrum, O-QPSK

ANTENNA ID: Reflector 0.65 meters Mitsubishi Electric Co. Boeing Reflector Ant

14000.0000 - 14500.0000 MHz 420KG7D 30.50 dBW Direct Sequence Spread Spectrum, O-QPSK

11450.0000 - 11700.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11450.0000 - 11700.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
14000.0000 - 14500.0000 MHz	32M4G7D	46.70 dBW	Direct Sequence Spread Spectrum, O-QPSK

ANTENNA ID: Tecom 0.65 meters Tecom Industries, Inc. KuStream 1500

14000.0000 - 14500.0000 MHz	420KG7D	37.80 dBW	Direct Sequence Spread Spectrum, O-QPSK
14000.0000 - 14500.0000 MHz	32M4G7D	44.80 dBW	Direct Sequence Spread Spectrum, O-QPSK
11450.0000 - 11700.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11450.0000 - 11700.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
11700.0000 - 12200.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	420KG7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK
12200.0000 - 12750.0000 MHz	32M4G7D	0.00 dBW	Direct Sequence Spread Spectrum, O-QPSK

Points of Communication:

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

Aircraft - Eutelsat 113W(S2695) - (113 W.L.)

Aircraft - EUTELSAT 172A(S2610) - (172 E. L.)

Aircraft - Eutelsat 36B - (36 E.L.)

Aircraft - Eutelsat 7A - (7 E.L.)

Aircraft - GALAXY 17 (S2715) - (91 W.L.)

Aircraft - GALAXY 28 - (89.0 W.L.)

Aircraft - INTEL 907 (S2411) - (27.5 W.L.)

Aircraft - SES-1 - (101.0 W.L.)

Aircraft - Superbird C2 - (144 E.L)

Aircraft - TELSTAR 11N (S2357) - (37.5 W.L.)

SES-MFS-20160819-00730 E E100089 Panasonic Avionics Corporation
Modification

Class of Station: Other

Nature of Service: Earth Station Aboard Aircraft, Fixed Satellite Service, Other

Panasonic Avionics Corporation requests modification of its earth station aboard aircraft (ESSA) blanket license to: (1) add the Telstar 12V (S2933) satellite at the 15° W.L. orbital location as a new point of communication for Antenna ID "PPA" in the 14.0-14.5 GHz (Earth-to-space) and 10.95-12.2 GHz, (space-to-Earth) frequency bands; (2) add a new antenna type, Antenna ID "SPA" to operate with the following satellites and orbital locations: Superbird C2 at 144° E.L., Yamal 300K at 183° E.L., Intelsat 14 (S2785) at 45° W.L., Apstar 6 at 226° W.L., Intelsat 15 (S2789) at 85° W.L., Telstar 12V (S2933) at 15° W.L, EUTELSAT 172A(S2610).at 172° E.L., Intelsat 29E (S2913) at 50° W.L., Eutelsat 115WB at 114.9° W.L., NSS-6 at 95° E.L., Eutelsat 70 B at 70.5° E.L., Telstar 11N (S2357) at 37.5° W.L., Eutelsat 10A at 10° E.L., Apstar 7 at 76.5° E.L., Anik-G1 at 107.3° W.L., Eutelsat 117 at 116.8° W.L., Asiasat 5 at 100.5° E.L., Estrela do Sul 2 at 63° W.L., Yamal 401 at 90° E.L., and JCSat 5A at 132° E.L. in the frequency bands as specified in the narrative description to its application; and (3) to remove from its license Condition No. 90117, which specifies that if a future NGSO FSS network commences operations that Panasonic must cease operations unless it has successfully coordinated with the NGSO FSS operator or demonstrated that its operations will not cause harmful interference to the NGSO FSS network.

SITE ID: MELCO Remotes
LOCATION: Operate up to 50 ESAA stations (0.68 m) US&P and over International waters

ANTENNA ID: MELCO 0.68 meters Mitsubishi Electronics 726-20176-101

14000.0000 - 14400.0000 MHz	9M00G7D	42.10 dBW	BPSK, QPSK digital data
14000.0000 - 14400.0000 MHz	160KG7D	24.60 dBW	BPSK, QPSK digital data
14000.0000 - 14400.0000 MHz	2M56G7D	36.70 dBW	BPSK, QPSK digital data
11700.0000 - 12200.0000 MHz	9M00G7D		BPSK, QPSK digital data
11700.0000 - 12200.0000 MHz	160KG7D		BPSK, QPSK digital data
11700.0000 - 12200.0000 MHz	2M56G7D		BPSK, QPSK digital data
14000.0000 - 14400.0000 MHz	500KG7D	33.20 dBW	BPSK, QPSK DIGITAL DATA
14000.0000 - 14400.0000 MHz	9M00G7D	45.75 dBW	BPSK, QPSK DIGITAL DATA
10700.0000 - 12750.0000 MHz	1M20G7D		BPSK, QPSK DIGITAL DATA
10700.0000 - 12750.0000 MHz	36M0G7D		BPSK, QPSK DIGITAL DATA

10950.0000 - 12750.0000 MHz	54M0G7D		BPSK, QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	9M00KG7D	48.00 dBW	BPSK, QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	500KG7D	36.30 dBW	BPSK, QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	54M0KG7D		BPSK, QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	1M20KG7D		BPSK, QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0KG7D		PSK
10950.0000 - 12500.0000 MHz	54M0KG7D		PSK
10950.0000 - 12500.0000 MHz	36M0KG7D		PSK
10950.0000 - 12500.0000 MHz	1M20KG7D		PSK

SITE ID: PPA Remotes
LOCATION: Operate up to 2000 ESAA stations (0.89m) US&P and over International waters

ANTENNA ID: PPA 0.89 meters PANASONIC AURA LE

14000.0000 - 14500.0000 MHz	500KG7D	44.50 dBW	BPSK, SPREAD SPECTRUM
14000.0000 - 14500.0000 MHz	9M00G7D	48.00 dBW	BPSK, SPREAD SPECTRUM
11450.0000 - 12750.0000 MHz	72M0G7D		PSK
11450.0000 - 12750.0000 MHz	36M0G7D		PSK
11450.0000 - 12750.0000 MHz	1M20G7D		PSK
14000.0000 - 14500.0000 MHz	500KG7D	43.00 dBW	BPSK, SPREAD SPECTRUM
14000.0000 - 14500.0000 MHz	9M00G7D	48.00 dBW	BPSK, SPREAD SPECTRUM
10700.0000 - 12750.0000 MHz	1M20G7D		PSK
10700.0000 - 12750.0000 MHz	36M0G7D		PSK
10700.0000 - 12750.0000 MHz	54M0G7D		PSK
14000.0000 - 14500.0000 MHz	9M00KG7D	48.00 dBW	BPSK, SPREAD SPECTRUM
14000.0000 - 14500.0000 MHz	500KG7D	43.50 dBW	BPSK, SPREAD SPECTRUM
12500.0000 - 12750.0000 MHz	54M0KG7D		PSK
12500.0000 - 12750.0000 MHz	1M20KG7D		PSK

12250.0000 - 12750.0000 MHz	54M0KG7D		PSK
12250.0000 - 12750.0000 MHz	1M20KG7D		PSK
11700.0000 - 12200.0000 MHz	54M0KG7D		PSK
11700.0000 - 12200.0000 MHz	1M20KG7D		PSK
11450.0000 - 12750.0000 MHz	27M0KG7D		PSK
11450.0000 - 12750.0000 MHz	1M20KG7D		PSK
10950.0000 - 11700.0000 MHz	54M0KG7D		PSK
10950.0000 - 11700.0000 MHz	1M20KG7D		PSK
10950.0000 - 11200.0000 MHz	27M0KG7D		PSK
10950.0000 - 11200.0000 MHz	1M20KG7D		PSK
11700.0000 - 12200.0000 MHz	36M0KG7D		PSK
10950.0000 - 12500.0000 MHz	54M0KG7D		PSK
10950.0000 - 12500.0000 MHz	36M0KG7D		PSK
10950.0000 - 12500.0000 MHz	1M20KG7D		PSK
14000.0000 - 14500.0000 MHz	500KG7D	36.60 dBW	BPSK, SPREAD SPECTRUM
10950.0000 - 12200.0000 MHz	54M0KG7D		PSK
10950.0000 - 12200.0000 MHz	1M20KG7D		PSK

SITE ID: SPA Remotes
LOCATION: Operate up to 1000 ESAA stations (0.949) US&P and over International waters

ANTENNA ID: SPA 0.949 meters PANASONIC SPA

14000.0000 - 14500.0000 MHz	500KG7D	45.00 dBW	QPSK, 8PSK, 16APSK
14000.0000 - 14500.0000 MHz	9M00KG7D	45.00 dBW	QPSK, 8PSK, 16APSK
10700.0000 - 12750.0000 MHz	1M20KG7D		QPSK, 8PSK, 16APSK
10700.0000 - 12750.0000 MHz	36M0KG7D		QPSK, 8PSK, 16APSK
10950.0000 - 11200.0000 MHz	1M20KG7D		QPSK, 8PSK, 16APSK
10950.0000 - 11200.0000 MHz	54M0KG7D		QPSK, 8PSK, 16APSK

10950.0000 - 11700.0000 MHz	1M20KG7D	QPSK, 8PSK, 16APSK
10950.0000 - 11700.0000 MHz	54M0KG7D	QPSK, 8PSK, 16APSK
10950.0000 - 12500.0000 MHz	1M20KG7D	QPSK, 8PSK, 16APSK
10950.0000 - 12500.0000 MHz	54M0KG7D	QPSK, 8PSK, 16APSK
11450.0000 - 11700.0000 MHz	1M20KG7D	QPSK, 8PSK, 16APSK
11450.0000 - 11700.0000 MHz	54M0KG7D	QPSK, 8PSK, 16APSK
11450.0000 - 11950.0000 MHz	1M20KG7D	QPSK, 8PSK, 16APSK
11450.0000 - 11950.0000 MHz	54M0KG7D	QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	1M20KG7D	QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	27M0KG7D	QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	54M0KG7D	QPSK, 8PSK, 16APSK
11450.0000 - 12750.0000 MHz	1M20KG7D	QPSK, 8PSK, 16APSK
11450.0000 - 12750.0000 MHz	36M0KG7D	QPSK, 8PSK, 16APSK
11450.0000 - 12750.0000 MHz	54M0KG7D	QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz	1M20KG7D	QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz	36M0KG7D	QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz	54M0KG7D	QPSK, 8PSK, 16APSK
12200.0000 - 12750.0000 MHz	1M20KG7D	QPSK, 8PSK, 16APSK
12200.0000 - 12750.0000 MHz	36M0KG7D	QPSK, 8PSK, 16APSK
12250.0000 - 12750.0000 MHz	1M20KG7D	QPSK, 8PSK, 16APSK
12250.0000 - 12750.0000 MHz	54M0KG7D	QPSK, 8PSK, 16APSK
12500.0000 - 12750.0000 MHz	1M20KG7D	QPSK, 8PSK, 16APSK
12500.0000 - 12750.0000 MHz	36M0KG7D	QPSK, 8PSK, 16APSK
12500.0000 - 12750.0000 MHz	54M0KG7D	QPSK, 8PSK, 16APSK

Points of Communication:

MELCO Remotes - AMC-16 - (85 W.L.)

MELCO Remotes - ESTRELA DO SUL 2 - (63 W.L.)

MELCO Remotes - EUTELSAT 115 WB - (114.9 W.L.)

MELCO Remotes - GALAXY 16 - (99 W.L.)

MELCO Remotes - GALAXY 17 (S2715) - (91 W.L.)

MELCO Remotes - INTELSAT 29e (S2913) - (50.0 W.L.)

MELCO Remotes - SES-6 (S2870) - (40.5 W.L.)

MELCO Remotes - TELSTAR 11N (S2357) - (37.5 W.L.)

PPA Remotes - AMAZONAS 2 (S2793) - (61 W.L.)

PPA Remotes - AMC-16 - (85 W.L.)

PPA Remotes - ANIK F1(S2745) - (107.3 W.L)

PPA Remotes - ANIK G1 - (107.3 W.L.)

PPA Remotes - APSTAR 6 - (226 W.L.)

PPA Remotes - Apstar 7 - (76.5 E.L.)

PPA Remotes - AsiaSat 5 - (100.5E)

PPA Remotes - ESTRELA DO SUL 2 - (63 W.L.)

PPA Remotes - Eutelsat 10A (W2A) - (10.0 E.L.)

PPA Remotes - EUTELSAT 115 WB - (114.9 W.L.)

PPA Remotes - EUTELSAT 117 (S2873) - (116.8 W.L.)

PPA Remotes - EUTELSAT 172A(S2610) - (172 E. L.)

PPA Remotes - Eutelsat 70B - (70.5 E.L.)

PPA Remotes - GALAXY 16 - (99 W.L.)

PPA Remotes - GALAXY 17 (S2715) - (91 W.L.)

PPA Remotes - INTELSAT 14 (S2785) - (45.0 W.L.)

PPA Remotes - INTELSAT 15 (S2789) - (85.0 W.L.)

PPA Remotes - INTELSAT 29e (S2913) - (50.0 W.L.)

PPA Remotes - JCSAT 5A - (132 E.L.)

PPA Remotes - NSS-6 - (95 E.L)

PPA Remotes - SES-6 (S2870) - (40.5 W.L.)

PPA Remotes - Superbird C2 - (144 E.L)

PPA Remotes - TELSTAR 11N (S2357) - (37.5 W.L.)

PPA Remotes - TELSTAR 12 V (S2933) - (15 W.L.)

PPA Remotes - Yamal 300K - (177 W.L.)

PPA Remotes - Yamal 401 - (90 E.L.)

SPA Remotes - ANIK G1 - (107.3 W.L.)

SPA Remotes - APSTAR 6 - (226 W.L.)

SPA Remotes - Apstar 7 - (76.5 E.L.)

SPA Remotes - AsiaSat 5 - (100.5E)

SPA Remotes - ESTRELA DO SUL 2 - (63 W.L.)

SPA Remotes - Eutelsat 10A (W2A) - (10.0 E.L.)

SPA Remotes - EUTELSAT 115 WB - (114.9 W.L.)

SPA Remotes - EUTELSAT 117 (S2873) - (116.8 W.L.)

SPA Remotes - EUTELSAT 172A(S2610) - (172 E. L.)

SPA Remotes - Eutelsat 70B - (70.5 E.L.)

SPA Remotes - INTELSAT 15 (S2789) - (85.0 W.L.)

SPA Remotes - INTELSAT 29e (S2913) - (50.0 W.L.)

SPA Remotes - JCSAT 5A - (132 E.L.)

SPA Remotes - NSS-6 - (95 E.L)

SPA Remotes - SUPERBIRD C (S2639) - (144 E.L.)

SPA Remotes - TELSTAR 11N (S2357) - (37.5 W.L.)

SPA Remotes - TELSTAR 12 V (S2933) - (15 W.L.)

SPA Remotes - Yamal 300K - (183 E.L)

SPA Remotes - Yamal 401 - (90 E.L.)

SES-MFS-20160831-00754 E E080060 NHK Japan Broadcasting Corporation
Modification

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

NHK Japan Broadcasting Corporation requests modification of its temporary-fixed earth station license to replace the point of communication Superbird C (S2639) satellite at the 144º E.L. orbital location with the Superbird C2 satellite at the 144° E.L. orbital location in the 14.0-14.5 GHz (Earth-to-space) frequency band.

SITE ID: Mantis 190
LOCATION: VARIOUS

ANTENNA ID: Mantis 190 1.9 meters Advent Communications Mantis 190

14000.0000 - 14500.0000 MHz	26M9G7W	71.18 dBW	QPSK - Video and Data
14000.0000 - 14500.0000 MHz	17M9G7W	69.50 dBW	QPSK - Video and Data
14000.0000 - 14500.0000 MHz	7M34G7W	65.65 dBW	QPSK - Video and Data
14000.0000 - 14500.0000 MHz	16M9D7W	69.24 dBW	16APSK - DVB-S2 VIDEO
14000.0000 - 14500.0000 MHz	16M9G7W	69.24 dBW	QPSK - DVB-S2-VIDEO
14000.0000 - 14500.0000 MHz	8M43D7W	66.23 dBW	16APSK - DVB-S2 VIDEO

Points of Communication:

Mantis 190 - PERMITTED LIST - ()

Mantis 190 - SUPERBIRD B2 - (162 E.L.)

Mantis 190 - Superbird C2 - (144 E.L)

SES-MOD-20160712-00641 E E130107 O3b Limited
Application for Modification
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

O3b Limited requests modification of its fixed earth station license to relocate its earth station from Bristow, VA to Manassas, VA, and operate with the OB3-A (NGSO) (S2935) satellite system in the 27.6-28.4 GHz and 28.6-29.1 GHz (Earth-to-space), and 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

SITE ID: MANASSAS
LOCATION: 12811 RANDOLPH RIDGE LANE, MANASSAS, MANASSAS, VA
38 ° 47 ' 46.60 " N LAT. 77 ° 34 ' 37.40 " W LONG.

ANTENNA ID: Ant 1-2 2.4 meters GENERAL DYNAMICS SATCOM GDST 2.4M

28600.0000 - 29100.0000 MHz	216MG7D	70.75 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
28600.0000 - 29100.0000 MHz	1M00G7D	48.60 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
27600.0000 - 28400.0000 MHz	216MG7D	70.75 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
27600.0000 - 28400.0000 MHz	1M00G7D	48.60 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet

17800.0000 - 18600.0000 MHz	1M00G7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
17800.0000 - 18600.0000 MHz	216MG7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
18800.0000 - 19300.0000 MHz	1M00G7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet
18800.0000 - 19300.0000 MHz	216MG7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK and Internet

Points of Communication:

MANASSAS - O3B-A (S2935) - (Eq. NGSO)

SES-MOD-20160902-00759 E E2707 Viacom International Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Viacom International Inc. requests modification of its fixed earth station license in Hauppage, NY to modify Site ID-1, Antenna ID-1 to: (1) update the antenna model from Scientific-Atlanta Model 8007 to Scientific-Atlanta Model 8016B; (2) change the emission designator from 36M0F3F to 36M0G7F; and (3) change the polarization from linear to circular. This station will continue to operate with Permitted List satellites in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: 35 ADAMS AVE., SUFFOLK, HAUPPAGE, NY

40 ° 49 ' 15.40 " N LAT. 73 ° 15 ' 17.40 " W LONG.

ANTENNA ID: 2 11 meters SCIENTIFIC ATLANTA 8016B

5925.0000 - 6425.0000 MHz	36M0G7F	76.30 dBW	TELEVISION (VIDEO)
3700.0000 - 4200.0000 MHz	36M0G7F		TELEVISION (VIDEO)

ANTENNA ID: 4 11 meters SCIENTIFIC ATLANTA 8016B

5925.0000 - 6425.0000 MHz	36M0G7F	76.30 dBW	TELEVISION (VIDEO)
3700.0000 - 4200.0000 MHz	36M0G7F		TELEVISION (VIDEO)

ANTENNA ID: 3 6 meters SCIENTIFIC ATLANTA 8060

5925.0000 - 6425.0000 MHz	25M0G7W	76.30 dBW	VIDEO, DATA
3700.0000 - 4200.0000 MHz	36M0G7F		VIDEO, DATA

ANTENNA ID: 1 11 meters SCIENTIFIC ATLANTA 8016B

5925.0000 - 6425.0000 MHz	36M0G7F	76.30 dBW	TELVISION (VIDEO)
3700.0000 - 4200.0000 MHz	36M0G7F		TELEVISION (VIDEO)

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20160906-00764 E E070231 ESPN, Inc

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

ESPN, Inc. requests modification of its fixed earth station license in Bristol, CT to operate a 6.1-meter antenna to communicate with Permitted List satellites in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands.

SITE ID: C1/C2

LOCATION: ESPN PLAZA, Hartford, BRISTOL, CT

41 ° 38 ' 51.60 " N LAT. 72 ° 53 ' 51.60 " W LONG.

ANTENNA ID: C1/C2 6.1 meters Viasat 8060

14000.0000 - 14500.0000 MHz	54M0G7F	82.84 dBW	Digital Compressed Video Carrier
14000.0000 - 14500.0000 MHz	36M0F8W	82.84 dBW	Analog Video Carrier
13800.0000 - 14000.0000 MHz	10M0G7D	72.50 dBW	DIGITAL COMPRESSED SERVICE
13800.0000 - 14000.0000 MHz	54M0G7F	76.90 dBW	DIGITAL COMPRESSED SERVICE
11700.0000 - 12200.0000 MHz	54M0G7F		Digital Compressed Video Carrier
11700.0000 - 12200.0000 MHz	36M0F8W		Analog Video Carrier
11450.0000 - 12200.0000 MHz	10M0G7D		DIGITAL COMPRESSED SERVICE
11450.0000 - 12200.0000 MHz	54M0G7F		DIGITAL COMPRESSED SERVICE
10950.0000 - 11200.0000 MHz	10M0G7D		DIGITAL COMPRESSED SERVICE
10950.0000 - 11200.0000 MHz	54M0G7F		DIGITAL COMPRESSED SERVICE

SITE ID: C1C/C2C

LOCATION: ESPN PLAZA, HARTFORD, BRISTOL, CT

41 ° 38 ' 51.60 " N LAT. 72 ° 53 ' 51.60 " W LONG.

ANTENNA ID: C1C/C2C 6.1 meters VIASAT 8060

5925.0000 - 6425.0000 MHz	36M0F8W	75.94 dBW	DIGITAL COMPRESSED SERVICE
5925.0000 - 6425.0000 MHz	54M0G7F	75.98 dBW	DIGITAL COMPRESSED SERVICE
5925.0000 - 6425.0000 MHz	6M80G7E	68.70 dBW	DIGITAL COMPRESSED SERVICE
3700.0000 - 4200.0000 MHz	36M0F8W		DIGITAL COMPRESSED SERVICE

3700.0000 - 4200.0000 MHz	54M0G7F	DIGITAL COMPRESSED SERVICE
3700.0000 - 4200.0000 MHz	6M80G7E	DIGITAL COMPRESSED SERVICE

Points of Communication:

C1/C2 - PERMITTED LIST - ()

C1/C2 - TELSTAR 12 V (S2933) - (15 W.L.)

C1C/C2C - PERMITTED LIST - ()

SES-MOD-20160906-00769 E E130068 CBS Communications Services Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

CBS Communications Services Inc. requests modification of its receive-only fixed earth station license to relocate from Lanham, MD to Washington, D.C., and change the antenna from a 3.8-meter to a 3.7-meter antenna. This station will continue to operate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

SITE ID: 1

LOCATION: 1015 HALF ST., SE SUITE 200, WASHINGTON, DC

38 ° 52 ' 41.50 " N LAT. 77 ° 0 ' 28.40 " W LONG.

ANTENNA ID:	1	3.7 meters	PRODELIN	3.7 METTER

3700.0000 - 4200.0000 MHz	36M0G7W	AUDIO/VIDEO/DATA

Points of Communication:

1 - PERMITTED LIST - ()

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