PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01541 **Wednesday April 3, 2013**

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-AFS-20130220-00189 E E100089 Panasonic Avionics Corporation
Amendment
Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

See IBFS File No. SES-MFS-20120913-00818 for description of the application, as amended.

SITE ID: Remote terminals
LOCATION: Operate up to 15 (.68 cm antennas) CONUS, AK, HI and U.S. Territoriers

ANTENNA ID: A		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

SITE ID: REMOTE AURA LE
LOCATION: Operate up to 2000 (.89 M. antennas) USA AND GLOBAL

ANTENNA ID: B 0.89 meters PANASONIC AURA LE

14000.0000 - 14500.0000 MHz	500KG7D	43.00 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

Points of Communication:

REMOTE AURA LE - AMAZONAS 2 (S2793) - (61 W.L.)

REMOTE AURA LE - ANIK F1(S2745) - (107.3 W.L)

REMOTE AURA LE - ESTRELA DO SUL 2 - (63 W.L.)

REMOTE AURA LE - Eutelsat 10A (W2A) - (10.0 E.L.)

REMOTE AURA LE - EUTELSAT 172A(S2610) - (172 E. L.)

REMOTE AURA LE - INTELSAT 14 (S2785) - (45 W.L.)

REMOTE AURA LE - TELSTAR 11N (S2357) - (37.5 W.L.)

Remote terminals - GALAXY 17 (S2715) - (91 W.L.)

SES-LIC-20130124-00089 E E130021 O3b Limited

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

O3b Limited requests authority to operate a fixed earth station in South Vernon, Texas, to serve as a gateway for its proposed non-geostationary orbit Ka-band space station system and to also provide backup telemetry, tracking and command services for its NGSO system. O3b states that its NGSO system is authorized by the United Kingdom. O3b's proposed Ka-band NGSO system will initially consist of eight satellites in medium earth orbit at 8,062 km within the geostationary plane, communicating in the following frequency bands:

Downlink Frequency	Ka-Band Plan	O3B Proposed Use
17.8-18.3 GHz	FS	Service and Gateway Links (unprotected, non-interferenc basis)
18.3-18.6 GHz	GSO FSS down	Service and Gateway Links (unprotected, non-interferenc basis)
18.8-19.3 GHz	NGSO FSS down	Service, Gateway and TT&C

Uplink Frequency	Ka-Band Plan	O3B Proposed Use
27.6-28.35 GHz	LMDS (fss secondary)	Service and Gateway Links (secondary basis)
28.35-28.4 GHz	GSO FSS up ngso fss up (secondary)	Service and Gateway Links (secondary basis)
28.6-29.1 GHz	NGSO FSS up gso fss up (secondary)	Service, Gateway and TT&C

O3b states that the South Vernon, Texas, earth station will consist of three 7.3-meter ViaSat antennas, which are technically identical to the antennas employed in its Haleiwa, Hawaii, earth station, Call Sign E100088, and will operate in the same manner, on the same frequencies, and at the same power levels. O3b supplemented certain technical information through a filing made on March 27, 2013.

O3b seeks waivers of the same Commission rule sections that were waived as part of its Haleiwa, Hawaii, gateway earth station license (IBFS File No. SES-LIC-20100723-00925): Section 2.106, including footnote NG164 (U.S. Table of Allocations); Section 25.145(c); Section 25.157; Section 25.210(i)(1); and Section 25.283(c). In addition, O3b seeks a waiver of the bond requirement specified in Section 25.165 of the Commission's rules.

SITE ID: 1

LOCATION: 2719 County Rd 93 S, Wilbarger, South Vernon, TX

34 ° 13 ' 4.73 " N LAT. 99 ° 23 ' 46.53 " W LONG.

ANTENNA ID: 1 7.3 meters Viasat MEO7

29087.8000 - 29089.1000 MHz	500KG2D	85.14 dBW	TT&C
27600.0000 - 28400.0000 MHz	216MG7D	87.29 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link
27600.0000 - 28400.0000 MHz	307KG7D	52.29 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link
28600.0000 - 29100.0000 MHz	216MG7D	87.29 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link
28600.0000 - 29100.0000 MHz	40M0G7D	87.29 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link
28600.0000 - 29100.0000 MHz	307KG7D	52.29 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link
19296.2000 - 19299.9000 MHz	300KG1D		TT&C
17800.0000 - 18600.0000 MHz	216MG7D	0.00 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link
17800.0000 - 18600.0000 MHz	307KG7D	0.00 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link

18800.0000 - 19300.0000 MHz	216MG7D	0.00 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link
18800.0000 - 19300.0000 MHz	40M0G7D	0.00 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link
18800.0000 - 19300.0000 MHz	307KG7D	0.00 dBW	DVB-S2 (QPSK, 8APSK, 16APSK, 32APSK); Digital Data Link

Points of Communication:

1 - O3B-A - (Eq. NGSO)

SES-LIC-20130325-00293 E E130070 ViaSat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 7676 Pine Grove Rd, Ventura, Santa Paula, CA

34 ° 24 ' 6.00 " N LAT. 119 ° 4 ' 26.00 " W LONG.

ANTENNA ID: 1 3.8 meters Prodelin 1385-350

14000.0000 - 14500.0000 MHz	600KG7D	60.90 dBW	QPSK, Digital Data
14000.0000 - 14500.0000 MHz	1M50G7D	64.90 dBW	QPSK, Digital Data
14000.0000 - 14500.0000 MHz	3M00G7D	66.50 dBW	QPSK, Digial Data
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, Digital Data

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MFS-20120913-00818 E E100089 Panasonic Avionics Corporation

Modification

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

Panasonic Avionics Corporation requests modification of its blanket license for operation of Ku-band aircraft earth stations (Call Sign E100089). Panasonic requests authority to operate 2000 "Aura LE" aircraft earth stations aboard U.S.-registered aircraft. The Aura LE earth stations would transmit in the 14.0-14.5 GHz frequency band to the following geostationary-orbit space stations: Eutelsat 172A (formerly GE-23) (Call Sign: S2610) at 172º E.L., Eutelsat 10A at 10º E.L., Anik F1 (Call Sign S2745) at 107.3º W.L., Estrela Do Sul 2 (Call Sign S2821) at 63º W.L., Intelsat 14 (Call Sign S2785) at 45º W.L., Telstar 11N (Call Sign S2357) at 37.5º W.L., Galaxy-17 (Call Sign S2715) at 91º W.L., and Amazonas 2 (Call Sign S2793) at 61º W.L. The Aura LE stations would receive downlink transmissions in the 10.95-11.2 GHz band from Eutelsat 172A and Eutelsat 10A; in the 11.45-11.7 GHz band from Eutelsat 172A; in the 11.45-12.2 GHz band from Estrela do Sul 2, Telstar 11N, and Anik F1; in the 11.7-12.2 GHz band from G-17, Telstar 11N, and Amazonas 2; in the 12.2-12.75 GHz band from Eutelsat 172A; in the 12.25-12.7 GHz band from Intelsat 14; and in the 12.5-12.75 GHz band from Eutelsat 10A. Panasonic requests waiver of the Table of Allocations in Section 2.106 of the Commission's rules to permit downlink operation in the above-specified frequency bands on non-interference, unprotected basis both within and outside of the U.S airspace. Panasonic also seeks waiver of Section 25.283(c) in connection with its request to add the Anik F1 and Eutlesat 10A satellites as points of communication for its blanket license.

SITE ID: Remote terminals
LOCATION: Operate up to 15 (.68 cm antennas) CONUS, AK, HI and U.S. Territoriers

ANTENNA ID: A	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

SITE ID: REMOTE AURA LE
LOCATION: Operate up to 2000 (.89 M. antennas) USA AND GLOBAL

ANTENNA ID: B	0.89 meters	PANASONIC	AURA LE
14000.0000 - 14500.0000 MHz	500KG7D	43.00 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

Points of Communication:

REMOTE AURA LE - AMAZONAS 2 (S2793) - (61 W.L.)

REMOTE AURA LE - ANIK F1(S2745) - (107.3 W.L)

REMOTE AURA LE - ESTRELA DO SUL 2 - (63 W.L.)

REMOTE AURA LE - Eutelsat 10A (W2A) - (10.0 E.L.)

REMOTE AURA LE - EUTELSAT 172A(S2610) - (172 E. L.)

REMOTE AURA LE - INTELSAT 14 (S2785) - (45 W.L.)

REMOTE AURA LE - TELSTAR 11N (S2357) - (37.5 W.L.)

Remote terminals - GALAXY 17 (S2715) - (91 W.L.)

Nature of Service: Mobile Satellite Service

Comtech Mobile Data Corporation requests modification of its mobile earth station authorization for half-duplex terminals operating in the 1631.5-1660.5 MHz (Earth-to-space) and 1530-1559 MHz (space-to-Earth) frequency bands in order to correct minor errors in the current authorization, to extend the two- year license term, and to add another site ID (R-Old M-AKHI).

SITE ID: R-SKY
LOCATION: CONUS

ANTENNA ID: 9	0.27 meters	SENSOR SYSTEMS		S65-8282-301
1646.5000 - 1660.5000 MHz	270KG7W	11.20 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
1631.5000 - 1645.5000 MHz	270KG7W	11.20 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
1545.0000 - 1559.0000 MHz	270KG7W			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
1530.0000 - 1544.0000 MHz	270KG7W			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL

SITE ID: R-INMAR
LOCATION: CONUS

ANTENNA ID: 10	0.27 meters	SENSOR SYSTEMS		S65-8282-301
1646.5000 - 1660.5000 MHz	200KG7W	11.20 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
1631.5000 - 1645.5000 MHz	200KG7W	11.20 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
1545.0000 - 1559.0000 MHz	200KG7W			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
1530.0000 - 1544.0000 MHz	200KG7W			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL

SITE ID: R-CMT MSAT
LOCATION: CONUS

ANTENNA ID: 11	0.152 meters	PCTEL		CMT-500
1646.5000 - 1660.5000 MHz	168KG1D	10.00 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1631.5000 - 1645.5000 MHz	168KG1D	10.00 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1545.0000 - 1559.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE

1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE

SITE ID: R-OLD MSAT
LOCATION: CONUS

ANTENNA ID: 3	0.06 meters	SCI SYSTEMS		MT-2010 EXTERNAL
1646.5000 - 1660.5000 MHz	168KG1D		11.30 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1631.5000 - 1645.5000 MHz	168KG1D		11.30 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1545.0000 - 1559.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1530.0000 - 1544.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
ANTENNA ID: 1	0.15 meters	SCI SYSTEMS		MT-2010 INTERNAL
1646.5000 - 1660.5000 MHz	168KG1D		10.20 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1631.5000 - 1645.5000 MHz	168KG1D		10.20 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1545.0000 - 1559.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1530.0000 - 1544.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
ANTENNA ID: 2	0.15 meters	SENSOR SYSTEMS		S65-8582-101
1646.5000 - 1660.5000 MHz	168KG1D		12.10 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
1631.5000 - 1645.5000 MHz	168KG1D		12.10 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
1545.0000 - 1559.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
1530.0000 - 1544.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
ANTENNA ID: 4	0.15 meters	SCI SYSTEMS		MT-2010RL INTERNAL

1646.5000 - 1660.5000 MHz	168KG1D	12.30 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1631.5000 - 1645.5000 MHz	168KG1D	12.30 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE

ANTENNA ID: 5 0.27 meters SENSOR SYSTEMS S65-8282-301

1646.5000 - 1660.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
1631.5000 - 1645.5000 MHz	168KG1D	11.20 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL

ANTENNA ID: 6 0.18 meters PCTEL 3481IZ-3

1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE

ANTENNA ID: 7 0.18 meters PCTEL 3491IZ-3

1646.5000 - 1660.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1631.5000 - 1645.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE

1545.0000 - 1559.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1530.0000 - 1544.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
ANTENNA ID: 8	0.19 meters	PCTEL		3561AW-1/A
1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1545.0000 - 1559.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1530.0000 - 1544.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE

SITE ID: R-OLDM-AKHI
LOCATION: CONUS

ANTENNA ID: 12	0.15 meters	SCI SYSTEMS		MT-2010 INTERNAL
1631.5000 - 1645.5000 MHz	168KG1D	10.20 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1646.5000 - 1660.5000 MHz	168KG1D	10.20 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1530.0000 - 1544.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1545.0000 - 1559.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
ANTENNA ID: 13	0.15 meters	SENSOR SYSTEMS		S65-8582-101
1631.5000 - 1645.5000 MHz	168KG1D	12.10 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
1646.5000 - 1660.5000 MHz	168KG1D	12.10 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
1530.0000 - 1544.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL

1545.0000 - 1559.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
ANTENNA ID: 14	0.06 meters	SCI SYSTEMS		MT-2010 EXTERNAL
1631.5000 - 1645.5000 MHz	168KG1D	11.30 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1646.5000 - 1660.5000 MHz	168KG1D	11.30 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1530.0000 - 1544.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1545.0000 - 1559.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
ANTENNA ID: 15	0.15 meters	SCI SYSTEMS		MT-2010RL
1631.5000 - 1645.5000 MHz	168KG1D	12.30 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1646.5000 - 1660.5000 MHz	168KG1D	12.30 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1530.0000 - 1544.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1545.0000 - 1559.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
ANTENNA ID: 16	0.27 meters	SENSOR SYSTEMS		S65-8282-301
1631.5000 - 1645.5000 MHz	168KG1D	11.20 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
1646.5000 - 1660.5000 MHz	168KG1D	11.20 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
1530.0000 - 1544.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
1545.0000 - 1559.0000 MHz	168KG1D			DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, AERONAUTICAL
ANTENNA ID: 17	0.18 meters	PCTEL		34811Z-3
1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE

1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE

ANTENNA ID: 18 0.18 meters PCTEL 34911Z-3

1631.5000 - 1645.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1646.5000 - 1660.5000 MHz	168KG1D	13.30 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE

ANTENNA ID: 19 0.19 meters PCTEL 3561AW-1/A

1631.5000 - 1645.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1646.5000 - 1660.5000 MHz	168KG1D	11.00 dBW	DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1530.0000 - 1544.0000 MHz	168KG1D		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE
1545.0000 - 1559.0000 MHz	168KG1D		DSSS, BPSK, 21,094 TO 84, 375 CPS AND DATA, MARINE, LAND MOBILE

Points of Communication:

R-CMT MSAT - MSAT-1 - (106.5 W.L.)

R-CMT MSAT - MSAT-2 - (101.3 W.L.)

R-INMAR - ISAT List -

R-OLD MSAT - MSAT-1 - (106.5 W.L.)

R-OLD MSAT - MSAT-2 (AMSC-1) - (103.3 W.L.)

R-OLDM-AKHI - MSAT-1 - (106.5 W.L.)

R-SKY - SKYTERRA 1 - (101.3 W.L.)

SES-MOD-20130315-00265 E E080168 SIRIUS XM RADIO INC.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Satellite Digital Audio Radio Service

Sirius XM Radio Inc. requests modification of its Ellenwood, GA, fixed earth station to add the XM-1, 2, 3, 4 and 5 satellites operating at the 85.15° W.L. and 115.25° W.L. orbital locations as points of communication in the 2320.0-2332.15 MHz (space-to-Earth), 4196.375-4197.125 MHz (space-to-Earth), and the 6422-7072.5 MHz (Earth-to-space) frequency bands.

SITE ID: 1

LOCATION: 2875 FORK CREEK CHURCH ROAD, CLAYTON, ELLENWOOD, GA

33 ° 39 ' 51.00 " N LAT. 84 ° 16 ' 24.00 " W LONG.

ANTENNA ID: Feeder 1 7.2 meters GENERAL DYNAMICS 7.2M.

7068.0000 - 7072.5000 MHz	4M50G7E	75.00 dBW	TDM QPSK DARS PROGRAM UPLINK
7060.0000 - 7064.5000 MHz	4M50G7E	75.00 dBW	TDM QPSK DARS PROGRAM UPLINK
7055.5000 - 7056.5000 MHz	1M00F1D	75.00 dBW	PCM/PSK/FM COMMAND
7051.5000 - 7052.5000 MHz	1M00F1D	75.00 dBW	PCM/PSK/FM COMMAND
2331.8500 - 2332.1500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
2331.3500 - 2331.6500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
2328.0000 - 2332.5000 MHz	4M50G7E	0.00 dBW	TDM QPSK DARS PROGRAM DOWNLINK
2320.8500 - 2321.1500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
2320.3500 - 2320.6500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
2320.0000 - 2324.5000 MHz	4M50G7E	0.00 dBW	TDM QPSK DARS PROGRAM DOWNLINK

ANTENNA ID: Feeder 3 8 meters GENERAL DYNAMICS 8.0M.

7068.0000 - 7072.5000 MHz	4M50G7E	72.50 dBW	TDM QPSK DARS PROGRAM UPLINK
7060.0000 - 7064.5000 MHz	4M50G7E	72.50 dBW	TDM QPSK DARS PROGRAM UPLINK
7055.5000 - 7056.5000 MHz	1M00F1D	79.40 dBW	PCM/PSK/FM COMMAND

7051.5000 - 7052.5000 MHz	1M00F1D	79.40 dBW	PCM/PSK/FM COMMAND
6424.0000 - 6425.0000 MHz	900KF9D	73.40 dBW	PCM/PSK/FM COMMAND
6422.0000 - 6423.0000 MHz	900KF9D	73.40 dBW	PCM/PSK/FM COMMAND
4196.8750 - 4197.1250 MHz	250KG9D		BIPHASE PCM TELEMETRY
4196.3750 - 4196.6250 MHz	250KG9D		BIPHASE PCM TELEMETRY
2330.8500 - 2331.1500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
2330.3500 - 2330.6500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
2329.2500 - 2329.5500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
2328.0000 - 2332.5000 MHz	4M50G7E	0.00 dBW	TDM QPSK DARS PROGRAM DOWNLINK
2326.1000 - 2326.4000 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
2321.8500 - 2322.1500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
2321.3500 - 2321.6500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
2320.0500 - 2320.3500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
2320.0000 - 2324.5000 MHz	4M50G7E	0.00 dBW	TDM QPSK DARS PROGRAM DOWNLINK

ANTENNA ID: Feeder 2 8 meters GENERAL DYNAMICS 8.0M.

7068.0000 - 7072.5000 MHz	4M50G7E	72.50 dBW	TDM QPSK DARS PROGRAM UPLINK
7060.0000 - 7064.5000 MHz	4M50G7E	72.50 dBW	TDM QPSK DARS PROGRAM UPLINK
7055.5000 - 7056.5000 MHz	1M00F1D	79.40 dBW	PCM/PSK/FM COMMAND
7051.5000 - 7052.5000 MHz	1M00F1D	79.40 dBW	PCM/PSK/FM COMMAND
6424.0000 - 6425.0000 MHz	900KF9D	73.40 dBW	PCM/PSK/FM COMMAND
6422.0000 - 6423.0000 MHz	900KF9D	73.40 dBW	PCM/PSK/FM COMMAND
4196.8750 - 4197.1250 MHz	250KG9D		BIPHASE PCM TELEMETRY
4196.3750 - 4196.6250 MHz	250KG9D		BIPHASE PCM TELEMETRY
2330.8500 - 2331.1500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
2330.3500 - 2330.6500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY

2329.2500 - 2329.5500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
2328.0000 - 2332.5000 MHz	4M50G7E	0.00 dBW	TDM QPSK DARS PROGRAM DOWNLINK
2326.1000 - 2326.4000 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
2321.8500 - 2322.1500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
2321.3500 - 2321.6500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
2320.0500 - 2320.3500 MHz	300KG1D	0.00 dBW	BIPHASE PCM TELEMETRY
2320.0000 - 2324.5000 MHz	4M50G7E	0.00 dBW	TDM QPSK DARS PROGRAM DOWNLINK

Points of Communication:

1 - SIRIUS FM 5 - (96 W.L.)

1 - SIRIUS FM 6 - (116.15 W.L)

1 - SIRIUS FM-1,-2,-3 - (NGSO)

1 - XM 1 - (115.25 W.L)

1 - XM 2 - (115.25W.L)

1 - XM 3 - (85.15 W.L)

1 - XM-4 - (115.25W.L)

1 - XM-5 - (85.15)

SES-MOD-20130328-00296 E E873882 State of Wisconsin - Educational Communications Board

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

The State of Wisconsin - Educational Communications Board requests modification of its Madison, WI, receive-only fixed earth station to replace its 9.2-meter antenna with a 9.0-meter antenna, as well as to add emission designators.

SITE ID: 1

LOCATION: 3319 W. BELTLINE HIGHWAY, DANE, MADISON, WI

43 ° 2 ' 5.90 " N LAT. 89 ° 25 ' 54.80 " W LONG.

ANTENNA ID: C1 9 meters HARRIS CORPORATION 5251

3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL AUDIO, VIDEO, AND DATA
3700.0000 - 4200.0000 MHz	56K0G7W	DIGITAL AUDIO, VIDEO, AND DATA
3700.0000 - 4200.0000 MHz	36M0F3F	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20130318-00271 E E130055 CBS Communications Services Inc.
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 840 Central Ave, Phoenix, AZ
33 ° 27 ' 28.60 " N LAT. 112 ° 4 ' 27.80 " W LONG.

ANTENNA ID: 1 2.8 meters Scientific Atlanta 9000

3700.0000 - 4200.0000 MHz 36M0G7W Audio/Video/Data

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20130318-00272 E E130056 CBS Communications Services Inc.
Registration
Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 333 EAST CITY AVE. (Two Bala Plaza), BALA CYNWYD, PA
40 ° 0 ' 26.20 " N LAT. 75 ° 13 ' 0.00 " W LONG.

ANTENNA ID: 1 1.2 meters CHANNEL MASTER 1.2 METER

3700.0000 - 4200.0000 MHz 36M0G7W AUDIO,VIDEO, DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20130319-00282 E E130064 CBS Communications Services Inc.
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 24 GREENWOOD PLAZA (Houston Studio), HOUSTON, TX
29 ° 43 ' 45.80 " N LAT. 95 ° 26 ' 27.70 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH 3.8M. 934DOO15-G2

3700.0000 - 4200.0000 MHz 36M0G7W AUDIO/VIDEO/DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20130319-00283 E E130065 CBS Communications Services Inc.
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1423 CLARKVIEW ROAD STE. 100 (Studio Bldg.), BALTIMORE, BALTIMORE, MD
39 ° 22 ' 46.80 " N LAT. 76 ° 39 ' 22.90 " W LONG.

ANTENNA ID: 1 3 meters WINDGARD PINNACLE 2410330 3M

3700.0000 - 4200.0000 MHz 36M0G7W AUDIO/VIDEO/DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20130320-00284 E E130066 CBS Communications Services Inc.
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1170 SOLDIERS FIELD ROAD (STUDIO BLDG.), SUFFOLK, BOSTON, MA
42 ° 21 ' 52.10 " N LAT. 71 ° 8 ' 3.50 " W LONG.

ANTENNA ID: 1 3.7 meters PRODELIN 1374

3700.0000 - 4200.0000 MHz 36M0G7W AUDIO/VIDEO/DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20130320-00285 E E130067 CBS Communications Services Inc.
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4131 NORTH CENTRAL EXPRESSWAY (Studio Bldg.), DALLAS, DALLAS, TX
32 ° 48 ' 54.40 " N LAT. 96 ° 47 ' 25.90 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH 934D0015-G2

3700.0000 - 4200.0000 MHz 36M0G7W AUDIO/VIDEO/DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20130322-00287 E E130068 CBS Communications Services Inc.
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4200 PARLIAMENT PLACE, PRINCE GEORGE'S, LANHAM, MD
38 ° 56 ' 54.70 " N LAT. 76 ° 50 ' 16.90 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH 934D0015-G2

3700.0000 - 4200.0000 MHz 36M0G7W AUDIO/VIDEO/DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20130327-00298 E E130071 CBS Communications Services Inc.
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 400 Colony Square 1201 Peachtree St, Fulton, Atlanta, GA
33 ° 47 ' 15.20 " N LAT. 84 ° 23 ' 0.20 " W LONG.

ANTENNA ID: 1 3 meters Harris Corp 5115

3700.0000 - 4200.0000 MHz 36M0G7W audio/Video/Data

Points of Communication:

1 - ALSAT - (ALSAT)

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