



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
445 12th STREET S.W.  
WASHINGTON D.C. 20554

News media information 202-418-0500  
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)  
TTY (202) 418-2555

Report No. SES-02032

Wednesday February 7, 2018

## 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-20180122-00053 E E180005 O3b Limited

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 93-1704 S Point Rd, Hawaii, Mountain View, HI

19 ° 0 ' 51.40 " N LAT.

155 ° 39 ' 46.50 " W LONG.

ANTENNA ID:	1	2.4 meters	AvL Technologies	2.4MO3B
	17800.0000 - 18600.0000 MHz	1M00G7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK, and Internet
	18800.0000 - 19300.0000 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	216MG7D	0.00 dBW	QPSK, 8PSK, 16PSK, 32PSK, and Internet
	27600.0000 - 28400.0000 MHz	216MG7D	74.70 dBW	QPSK, 8PSK, 16PSK, 32PSK, and Internet
	28600.0000 - 29100.0000 MHz	216MG7D	74.70 dBW	QPSK, 8PSK, 16PSK, 32PSK, and Internet

27600.0000 - 28400.0000 MHz	1M00G7D	74.70 dBW	QPSK, 8PSK, 16PSK, 32PSK, and Internet
28600.0000 - 29100.0000 MHz	1M00G7D	74.70 dBW	QPSK, 8PSK, 16PSK, 32PSK, and Internet

**Points of Communication:**

1 - O3B-A (S2935) - (NGSO)

**SES-LIC-20180202-00083** E E020299 Community Radio of Northern Colorado

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1901 56th Avenue Suite 200, Weld, Greeley, CO

40 ° 24 ' 27.40 " N LAT.

104 ° 46 ' 16.00 " W LONG.

ANTENNA ID: 1 2.4 meters Prodelin 1251

14000.0000 - 14500.0000 MHz 154KG7W 48.65 dBW QPSK, 128 KBPS, 1/2 FEC - Digital Audio

11700.0000 - 12200.0000 MHz 154KG7W QPSK, 128 KBPS, 1/2 FEC - Digital Audio

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-MFS-20171220-01351** E E120106 AC BidCo LLC

Modification

**Class of Station:** Blanket Earth Stations

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

AC BidCo LLC requests modification of its blanket license to operate Ku-band earth stations aboard aircraft (ESAA). Specifically, AC BidCo requests modification of its license to: (1) authorize the AES1 AeroSat antennas to communicate with AMC-1 (S2445) at its new orbital location of 130.9° W.L., using the 11.7-12.2 (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands; (2) specify communications between the AES1 AeroSat antennas and the Eutelsat 172B (S3021) replacement satellite in lieu of Eutelsat 172A at the 172 E.L. orbital location, using the 10.95-11.2 GHz, 11.45-11.7 GHz, and 12.2-12.75 GHz (space-to-Earth) and 14.0-14.5 (Earth-to-space) frequency bands; and (3) specify communications between the AES1 AeroSat and AES2 ThinkKom antennas and the SES-15 (S2951) replacement satellite in lieu of AMC-1 at the 129.15° W.L. orbital location, using the 11.7-12.2 (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands, as well as authorize use of additional Ku-band frequencies, 10.7-11.7 GHz (space-to-Earth), for communications with SES-15. AC BidCo requests waiver of the U.S. Table of Allocations, 47 C.F.R. § 2.106, to permit ESAA operations with the Eutelsat 172B satellite in the 12.2-12.75 GHz (space-to-Earth) frequency band outside the United States and waiver of footnote NG52 to the U.S. Table of Allocations, 47 C.F.R. § 2.106, to permit ESAA operations with the SES-15 satellite in the 10.7-10.95 GHz and 11.2-11.45 GHz (space-to-Earth) frequency bands on an unprotected, non-interference basis.

SITE ID: AES1

LOCATION: UP TO 1000 ESAA TERMINALS (0.24 m) 111 N. CANAL ST., CONUS and OCONUS

ANTENNA ID: AES1 0.24 meters AeroSat HR6400

14000.0000 - 14500.0000 MHz 8M00G7D 44.50 dBW DIGITAL DATA SERVICES

---

14000.0000 - 14500.0000 MHz	6M94G7D	44.45 dBW	DIGITAL DATA SERVICES
11700.0000 - 12200.0000 MHz	30M0G7D		Digital Data Services
10950.0000 - 11200.0000 MHz	30M0G7D		Digital Data Services
11450.0000 - 11700.0000 MHz	30M0G7D		Digital Data Services
14000.0000 - 14500.0000 MHz	6M56G7D	44.43 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	6M00G7D	44.40 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	4M10G7D	42.80 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M34G7D	44.63 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M40G7D	43.89 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M50G7D	44.57 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M66G7D	44.55 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M79G7D	44.48 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M89G7D	44.55 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M90G7D	44.49 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	6M57G7D	44.53 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	882KG7D	44.56 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	9M36G7D	42.32 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	8M19G7D	43.20 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	4M10G7D	38.10 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M40G7D	44.60 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M00G7W	44.33 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M20G7W	44.20 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M67G7W	42.74 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M75G7W	43.10 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M00G7W	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M00G7W	44.50 dBW	DIGITAL DATA SERVICES

14000.0000 - 14500.0000 MHz	4M00G7W	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	5M00G7W	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	6M76G7W	43.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	830KG7W	42.40 dBW	DIGITAL DATA SERVICES
12200.0000 - 12750.0000 MHz	30M0G7D	0.00 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	6M35G7W	43.70 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	2M50G7W	44.25 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	2M30G7W	44.50 dBW	Digital Data Services
14000.0000 - 14250.0000 MHz	2M05G7W	42.67 dBW	Digital Data Services
11200.0000 - 11450.0000 MHz	30M0G7W		Digital Data Services
10700.0000 - 12750.0000 MHz	138MG7W		DIGITAL DATA SERVICES

SITE ID: AES2

LOCATION: UP TO 1000 ESAA TERMINALS (0.74 m) 111 N. CANAL ST., CONUS and OCONUS

ANTENNA ID: AES2      0.74 meters      THINKOM      2KUANTENNA

14000.0000 - 14500.0000 MHz	7M28G7D	41.60 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M51G7D	44.60 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M80G7D	43.20 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M00G7D	43.90 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M00G7D	44.60 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M10G7D	44.20 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M27G7D	44.60 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M40G7D	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M00G7D	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M60G7D	44.60 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	4M10G7D	41.60 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	4M80G7D	44.60 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	5M60G7D	44.50 dBW	DIGITAL DATA SERVICES

---

14000.0000 - 14500.0000 MHz	5M64G7D	40.70 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	5M83G7D	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	5M97G7D	43.10 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	6M72G7D	42.30 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	7M17G7D	40.90 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	7M40G7D	41.40 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	7M50G7D	41.60 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	8M00G7D	44.60 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	8M10G7D	43.20 dBW	DIGITAL DATA SERVICES
10950.0000 - 11200.0000 MHz	30M0G7D		DIGITAL DATA SERVICES
11450.0000 - 11700.0000 MHz	30M0G7D		DIGITAL DATA SERVICES
11700.0000 - 12200.0000 MHz	30M0G7D		DIGITAL DATA SERVICES
12250.0000 - 12750.0000 MHz	30M0G7D		DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M00G7W	44.71 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M20G7W	44.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	1M75G7W	42.60 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M00G7W	46.98 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	3M00G7W	50.20 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	4M00G7W	45.94 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	6M00G7W	45.08 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	7M48G7W	43.87 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	930KG7W	42.40 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	7M20G7W	42.43 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	6M35G7W	44.80 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	5M05G7W	45.50 dBW	DIGITAL DATA SERVICES
14000.0000 - 14500.0000 MHz	2M50G7W	48.70 dBW	DIGITAL DATA SERVICES

---

14000.0000 - 14250.0000 MHz	2M05G7W	41.70 dBW	DIGITAL DATA SERVICES
11200.0000 - 11450.0000 MHz	30M0G7W		DIGITAL DATA SERVICES
10700.0000 - 12750.0000 MHz	138MG7W		DIGITAL DATA SERVICES

**Points of Communication:**

AES1 - AMC 21 - (124.9 W.L.)

AES1 - AMC-1(S2445) - (130.90)

AES1 - AMC-4 (S2135) - (134.9 W.L.)

AES1 - AMC-6 (S2347) - (83 W.L.)

AES1 - APSTAR 5 - (138 E.L.)

AES1 - ARSAT-2 - (81.0 W.L.)

AES1 - AsiaSat 7 - (105.5 E.L.)

AES1 - ASTRA 4A - (4.8 E.L.)

AES1 - E117 WA (S2873) - (116.8 W.L.)

AES1 - EUTELSAT115WB(S2938) - (114.9 W.L.)

AES1 - EUTELSAT172B(S3021) - (172 E.L.)

AES1 - GALAXY 17 (S2715) - (91 W.L.)

AES1 - GALAXY 28 (S2160) - (89.0 W.L.)

AES1 - INTEL 907 (S2411) - (27.5 W.L.)

AES1 - INTELSAT 14 (S2785) - (45.0 W.L.)

AES1 - INTELSAT 18 (S2817) - (180 E.L.)

AES1 - INTELSAT 19 (S2850) - (166.0 E.L.)

AES1 - INTELSAT 20 - (68.5 E.L.)

AES1 - INTELSAT 21 (S2863) - (58.0 W.L.)

AES1 - INTELSAT 22 - (72.1 E. L.)

AES1 - INTELSAT 29e (S2913) - (50.0 W.L.)

AES1 - INTELSAT 33e (S2939) - (60.0 E.L.)

AES1 - INTELSAT 904 (S2408) - (60 E.L.)

AES1 - JCSAT 5A - (132 E.L.)

AES1 - JCSAT-2B - (154 E.L.)

---

AES1 - OPTUS D2 - (152 E.L.)

AES1 - SES-1 - (101.0 W.L.)

AES1 - SES-10 (S2950) - (66.9 W.L.)

AES1 - SES-15 (S2951) - (129.15 W.L.)

AES1 - SES-2 (S2826) - (87 W.L.)

AES1 - SES-3 (S2892) - (103 W.L.)

AES1 - SES-4 (S2828) - (22.0 W.L.)

AES1 - SES-6 (S2870) - (40.5 W.L.)

AES1 - TELSTAR 11N (S2357) - (37.5 W.L.)

AES1 - TELSTAR 12 V (S2933) - (15 W.L.)

AES1 - Yamal 300K - (177 W.L.)

AES1 - Yamal 401 - (90 E.L.)

AES2 - AMC 21 - (124.9 W.L.)

AES2 - AMC-4 (S2135) - (134.9 W.L.)

AES2 - AMC-6 (S2347) - (83 W.L.)

AES2 - AMC-6 (S2347) - (83 W.L.)

AES2 - APSTAR 5 - (138 E.L.)

AES2 - ARSAT-2 - (81.0 W.L.)

AES2 - AsiaSat 7 - (105.5 E.L.)

AES2 - ASTRA 4A - (4.8 E.L.)

AES2 - E117 WA (S2873) - (116.8 W.L.)

AES2 - EUTELSAT115WB(S2938) - (114.9 W.L.)

AES2 - GALAXY 17 (S2715) - (91 W.L.)

AES2 - GALAXY 28 (S2160) - (89.0 W.L.)

AES2 - INTEL 907 (S2411) - (27.5 W.L.)

AES2 - INTELSAT 14 (S2785) - (45.0 W.L.)

AES2 - INTELSAT 18 (S2817) - (180 E.L.)

AES2 - INTELSAT 19 (S2850) - (166.0 E.L.)

AES2 - INTELSAT 20 - (68.5 E.L.)

AES2 - INTELSAT 21 (S2863) - (58.0 W.L.)

AES2 - INTELSAT 22 - (72.1 E. L.)

AES2 - INTELSAT 29e (S2913) - (50.0 W.L.)

AES2 - INTELSAT 33e (S2939) - (60.0 E.L.)

AES2 - INTELSAT 904 (S2408) - (60 E.L.)

AES2 - JCSAT-2B - (154 E.L.)

AES2 - OPTUS D2 - (152 E.L.)

AES2 - SES-1 - (101.0 W.L.)

AES2 - SES-10 (S2950) - (66.9 W.L.)

AES2 - SES-15 (S2951) - (129.15 W.L.)

AES2 - SES-3 (S2892) - (103 W.L.)

AES2 - SES-4 (S2828) - (22.0 W.L.)

AES2 - SES-6 (S2870) - (40.5 W.L.)

AES2 - TELSTAR 11N (S2357) - (37.5 W.L.)

AES2 - TELSTAR 12 V (S2933) - (15 W.L.)

AES2 - Yamal 300K - (177 W.L.)

AES2 - Yamal 401 - (90 E.L.)

**SES-MFS-20180112-00020** E E140114 ISAT US Inc.

Modification

**Class of Station:** Other

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

ISAT US Inc. requests modification of its earth station aboard aircraft (ESAA) authorization to operate all currently authorized antennas with the Inmarsat 5F1 satellite at the 63° E.L. orbital location in the 29500-30000 MHz (Earth-to-space) and 19700-20200 MHz (space-to Earth) frequency bands.

SITE ID: Aero 1

LOCATION: CONUS, PR, USVI + AOR, POR

ANTENNA ID:	MCS 8200	0.61 meters	Honeywell	MCS 8200
	29500.0000 - 30000.0000 MHz	460KG7W	44.60 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz	7M34G7W	46.00 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link



---

19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link
-----------------------------	---------	----------	--

SITE ID: Aero 2  
LOCATION: CONUS, PR, USVI + AOR, POR

ANTENNA ID: MCS 8000	0.3 meters	Honeywell	MCS 8000
----------------------	------------	-----------	----------

29500.0000 - 30000.0000 MHz	460KG7W	32.60 dBW	Various Modulations up to 32APSK; Digital Data Link
-----------------------------	---------	-----------	--

29500.0000 - 30000.0000 MHz	7M34G7W	44.60 dBW	Various Modulations up to 32APSK; Digital Data Link
-----------------------------	---------	-----------	--

29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link
-----------------------------	---------	----------	--

19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link
-----------------------------	---------	----------	--

SITE ID: Aero 3  
LOCATION: CONUS, PR, USVI + AOR, POR

ANTENNA ID: KA30	0.3 meters	INMARSAT	KA30
------------------	------------	----------	------

29500.0000 - 30000.0000 MHz	5M00G1W	7.00 dBW	Various Modulations up to 32APSK; Digital Data Link
-----------------------------	---------	----------	--

29500.0000 - 30000.0000 MHz	7M34G7W	41.00 dBW	Various Modulations up to 32APSK; Digital Data Link
-----------------------------	---------	-----------	--

29500.0000 - 30000.0000 MHz	460KG7W	29.00 dBW	Various Modulations up to 32APSK; Digital Data Link
-----------------------------	---------	-----------	--

19700.0000 - 20200.0000 MHz	32M0G7W		Various Modulations up to 32APSK; Digital Data Link
-----------------------------	---------	--	--

**Points of Communication:**

Aero 1 - INMARSAT 5F1 - (63 E.L.)

Aero 1 - INMARSAT 5F2 - (55.0 W.L.)

Aero 1 - INMARSAT 5F3 - (179.6 E.L.)

Aero 2 - INMARSAT 5F1 - (63 E.L.)

Aero 2 - INMARSAT 5F2 - (55.0 W.L.)

Aero 2 - INMARSAT 5F3 - (179.6 E.L.)

Aero 3 - INMARSAT 5F1 - (63 E.L.)

Aero 3 - INMARSAT 5F2 - (55.0 W.L.)

Aero 3 - INMARSAT 5F3 - (179.6 E.L.)

---

---

**SES-MOD-20171221-01353** E E110171 Universal Space Network, Inc.

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Earth Exploration Satellite Service

Universal Space Network requests modification of its fixed earth station in Clewiston, FL to add the Worldview 4 (S2348) (NGSO) satellite as a new point of communication. This station will continue to operate with the authorized frequencies in the license.

SITE ID: 1

LOCATION: 400 Airglades Blvd, Hendry, Clewiston, FL

26 ° 44 ' 50.20 " N LAT.

81 ° 2 ' 56.70 " W LONG.

ANTENNA ID:	1	9.1 meters	ViaSat	3440
	8377.1000 - 8382.9000 MHz	5M80G7D		Digital Telemetry
	8025.0000 - 8375.0000 MHz	350MG7D		Digital Earth Imaging Data Reception
	2085.6875 - 2085.6875 MHz	1M32G1D	53.00 dBW	516Kbit BPSK Digital TT&C

**Points of Communication:**

1 - WORLDVIEW-1(S2129) - (NGSO)

1 - WORLDVIEW-2(S2129) - (NGSO)

1 - WORLDVIEW-3 (S2129) - (NGSO)

1 - WORLDVIEW-4 (S2348) - (NGSO)

---

**SES-MOD-20180131-00076** E E5477 CBS Broadcasting Inc.

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

CBS Broadcasting Inc. requests modification of its fixed earth station in Baltimore, MD to correct the site coordinates to communicate with Permitted List satellites in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: 3725 MALDEN AVE., BALTIMORE, MD

39 ° 20 ' 3.60 " N LAT.

76 ° 39 ' 6.40 " W LONG.

ANTENNA ID:	1	4.6 meters	ANDREW	ESA46-124
	14000.0000 - 14500.0000 MHz	36M0F3F	72.40 dBW	ANALOG AUDIO, VIDEO, DATA
	14000.0000 - 14500.0000 MHz	36M0G7W	67.60 dBW	DIGITAL AUDIO, VIDEO, DATA
	11700.0000 - 12200.0000 MHz	36M0F3F		ANALOG AUDIO, VIDEO, DATA
	11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL AUDIO, VIDEO, DATA

---

**Points of Communication:**

1 - PERMITTED LIST - ()

---

**SES-REG-20180201-00077** E E180009 Good Karma Broadcasting, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1301 East 9th Street, Cuyahoga, Cleveland, OH

41 ° 30 ' 18.30 " N LAT.

81 ° 41 ' 18.70 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters Prodelin 3.7 meter

3700.0000 - 4200.0000 MHz 30K0F1D Data Carrier

3700.0000 - 4200.0000 MHz 10M3G7W Data Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

---

**SES-STA-20180119-00045** E E060300 Iridium Satellite LLC

Special Temporary Authority

**Class of Station:**

Iridium Satellite LLC requests special temporary authority for 180 days to operate its fixed earth station in Fairbanks, AK to provide launch and early orbit phase (LEOP) services to the Iridium NEXT NGSO satellites in the 19.4-19.6 GHz (space-to-Earth) and 29.1-29.3 GHz (Earth-to-space) frequency bands.

**Points of Communication:**

---

**SES-STA-20180119-00046** E E960131 Iridium Satellite LLC

Special Temporary Authority

**Class of Station:**

Iridium Satellite LLC requests special temporary authority for 180 days to operate its fixed earth station in Fairbanks, AK to provide launch and early orbit phase (LEOP) services to the Iridium NEXT NGSO satellites in the 19.4-19.6 GHz (space-to-Earth) and 29.1-29.3 GHz (Earth-to-space) frequency bands.

**Points of Communication:**

---

**SES-STA-20180119-00047** E E050282 Iridium Satellite LLC

Special Temporary Authority

**Class of Station:**

Iridium Satellite LLC requests special temporary authority for 180 days to operate its fixed earth station in Tempe, AZ to provide launch and early orbit phase (LEOP) services to the Iridium NEXT NGSO satellites in the 19.4-19.6 GHz (space-to-Earth) and 29.1-29.3 GHz (Earth-to-space) frequency bands.

**Points of Communication:**

---

**SES-STA-20180119-00048** E E960244 Iridium Constellation LLC

Special Temporary Authority

**Class of Station:**

---

Iridium Constellation LLC requests special temporary authority for 180 days to operate its fixed earth station in Chandler, AZ to provide launch and early orbit phase (LEOP) services to the Iridium NEXT NGSO satellites in the 19.4-19.6 GHz (space-to-Earth) and 29.1-29.3 GHz (Earth-to-space) frequency bands.

**Points of Communication:**

---

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