



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01708

Wednesday December 17, 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-AMD-20141117-00858 E E140087 Astronics AeroSat Corporation
Amendment
Class of Station: Other
Nature of Service: Other

Astronics AeroSat Corporation amended its Earth Station Aboard Aircraft (ESAA) Blanket application, to clarify the (space-to-Earth) frequency bands and satellite points of communication. See IBFS File No. SES-LIC-20140902-00688.

SITE ID: AES1
LOCATION: 62 State Route 101A Suite #2B, Amherst, Amherst, NH

ANTENNA ID:	AES1	Astronics AeroSat	HR6400	
	14000.0000 - 14500.0000 MHz	4M94G7D	42.90 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	9M72G7D	43.87 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	4M86G7D	43.87 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	1M22G7D	43.71 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	2M43G7D	43.42 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	929KG7D	42.65 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	4M89G7D	43.69 dBW	Digital Data Services
	12250.0000 - 12750.0000 MHz	3M90G7D		Digital Data Services

12250.0000 - 12750.0000 MHz	25M0G7D	Digital Data Services
11700.0000 - 12200.0000 MHz	25M0G7D	Digital Data Services
11700.0000 - 12200.0000 MHz	10M9G7D	Digital Data Services
11700.0000 - 12200.0000 MHz	5M69G7D	Digital Data Services
11450.0000 - 11700.0000 MHz	25M0G7D	Digital Data Services
10950.0000 - 11200.0000 MHz	10M9G7D	Digital Data Services
10950.0000 - 11200.0000 MHz	25M0G7D	Digital Data Services

Points of Communication:

- AES1 - Apstar 7 - (76.5 E.L.)
- AES1 - ESTRELA DO SUL 2 - (63 W.L.)
- AES1 - EUTELSAT 172A(S2610) - (172 E. L.)
- AES1 - GALAXY 3C - (95 W.L.)
- AES1 - INTELSAT 14 (S2785) - (45.0 W.L.)
- AES1 - INTELSAT 19 (S2850) - (166.0 E.L.)
- AES1 - INTELSAT 22 - (72.1 E. L.)
- AES1 - SATMEX-8 (S2873) - (116.8 W.L.)
- AES1 - TELSTAR 11N (S2357) - (37.5 W.L.)
- AES1 - Telstar 12 (S2462) - (15W)

SES-LIC-20140902-00688 E E140087 Astronics AeroSat Corporation

Application for Authority

Class of Station: Other

Nature of Service: Other

Astronics AeroSat Corporation requests authority for a blanket license to operate Ku-band aircraft earth stations (Call Sign E140087). Astronics AeroSat requests to operate up to 1000 technically identical Ku-band transmit/receive earth stations aboard aircraft on domestic and international flights serving the business aviation and VIP aircraft market. In particular, Astronics AeroSat's aircraft earth stations would transmit in the 14.0-14.5 GHz (Earth-to-space) frequency band to the following points of communication: Galaxy 3C (S2381) space station at the 95.0° W.L. orbital location, IS-14 (S2785) space station at the 45.0° W.L. orbital location, IS-19 (S2850) space station at the 166.0° E.L. orbital location, IS-22 (S2846) space station at the 72.1° E.L. orbital location, Telstar-11N (S2357) space station at the 37.5° W.L. orbital location, Telstar-14R (S2821), also known as Estrela Do Sul 2, space station at the 63° W.L. orbital location, Telstar-12 (S2462) space station at the 15.0° W.L. orbital location, E117WA (formerly Satmex 8) (S2873) space station at the 116.8° W.L. orbital location, E172A (S2610) space station at the 172.0° E.L. orbital location, and Apstar-7 space station at the 76.5° E.L. orbital location. The aircraft earth stations would receive downlink transmissions in the 10.95-11.2 GHz band from Telstar 11N and E172A; in the 11.45-11.7 GHz frequency band from IS-14, Apstar-7, Telstar 14R, and E172A; in the 11.7-12.2 GHz frequency band from Galaxy 3C and E117WA; in the 12.2-12.75 GHz frequency band from E172A; in the 12.25-12.5 GHz frequency band from IS-22; in the 12.25-12.75 GHz frequency band from IS-19; and in the 12.5-12.75 GHz frequency band from Telstar-11N. Astronics AeroSat proposes to use the HR6400 antenna. Astronics AeroSat seeks waiver of the Table of Frequency Allocations in Section 2.106 of the Commission's rules to permit use of the 12.2-12.75 GHz (space-to-Earth) frequency band for ESAA operations outside the United States.

SITE ID: AES1
LOCATION: 62 State Route 101A Suite #2B, Amherst, Amherst, NH

ANTENNA ID:	AES1	0.24 meters	Astronics AeroSat	HR6400
	14000.0000 - 14500.0000 MHz	4M89G7D	43.69 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	929KG7D	42.65 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	2M43G7D	43.42 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	1M22G7D	43.71 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	4M86G7D	43.87 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	9M72G7D	43.87 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	4M94G7D	42.90 dBW	Digital Data Services
	11700.0000 - 12200.0000 MHz	5M69G7D		Digital Data Services
	10950.0000 - 11200.0000 MHz	25M0G7D		Digital Data Services
	11450.0000 - 11700.0000 MHz	25M0G7D		Digital Data Services
	12250.0000 - 12750.0000 MHz	25M0G7D		Digital Data Services
	10950.0000 - 11200.0000 MHz	10M9G7D		Digital Data Services
	12250.0000 - 12750.0000 MHz	3M90G7D		Digital Data Services
	11700.0000 - 12200.0000 MHz	10M9G7D		Digital Data Services
	11700.0000 - 12200.0000 MHz	25M0G7D		Digital Data Services

Points of Communication:

- AES1 - Apstar 7 - (76.5 E.L.)
- AES1 - ESTRELA DO SUL 2 - (63 W.L.)
- AES1 - EUTELSAT 172A(S2610) - (172 E. L.)
- AES1 - GALAXY 3C - (95 W.L.)
- AES1 - INTELSAT 14 (S2785) - (45.0 W.L.)
- AES1 - INTELSAT 19 (S2850) - (166.0 E.L.)
- AES1 - INTELSAT 22 - (72.1 E. L.)
- AES1 - SATMEX-8 (S2873) - (116.8 W.L.)

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

AES1 - Telstar 12 (S2462) - (15W)

SES-LIC-20141112-00848 E E140116 DIRECTV Enterprises, LLC

Application for Authority

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: 106 Grant Way (NWUF), Yakima, Moxee, WA

46 ° 33 ' 55.70 " N LAT.

120 ° 23 ' 57.90 " W LONG.

ANTENNA ID: NWKAR5	13.2 meters	General Dynamics	GD-13.2m
24750.0000 - 25150.0000 MHz	36M0G7W	81.00 dBW	Digitally modulated video carrier
17300.0000 - 17700.0000 MHz	36M0G7W	0.00 dBW	Digitally modulated video carrier
28350.0000 - 28360.0000 MHz	800KF2D	76.00 dBW	Telecommand carrier (nominal on-station)
28350.0000 - 28360.0000 MHz	800KF2D	90.00 dBW	Telecommand carrier (maximum emergency)
20190.0000 - 20200.0000 MHz	800KF2D	0.00 dBW	Telemetry

Points of Communication:

1 - DIRECTV 14 (2869) - (99.235 WL)

SES-MFS-20140630-00546 E KA312 Airbus DS SatCom Government, Inc.

Modification

Class of Station: Fixed Earth Stations

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

Airbus DS SatCom Government, Inc. (formally Astrium Services Government, Inc.) requests modification of its fixed earth station in Southbury, CT, to add Antenna ID SBY 20 to communicate with the SATMEX-9 satellite operating at the 117° W.L. orbital location in the (1) 6628.27-6650.27 and 6679.42- 6701.42 MHz (Earth-to-space); (2) 4198.0 - 4198.4 and 4199.6-4200.0 MHz (space-to-Earth) and (3) 1165.45-1187.45 and 1564.42-1586.42 MHz (space-to-Earth) frequency bands to support the Federal Aviation Agency's Wide Area Augmentation System (FAA-WAAS). See also Satelites Mexicanos, S.A. de C.V., IBFS File Nos. SAT-LOI-20140617-00070 and SAT-AMD-20141119-00123.

SITE ID: SOUTHBURY

LOCATION: 2120 RIVER RD., NEW HAVEN, SOUTHBURY, CT

41 ° 27 ' 6.30 " N LAT.

73 ° 17 ' 21.40 " W LONG.

ANTENNA ID: 1.52M	1.52 meters	COMSAT LABS	
1626.5000 - 1660.5000 MHz	NON	31.00 dBW	PILOT
1626.5000 - 1660.5000 MHz	24K0F3E	36.00 dBW	ANALOG CARRIER

1626.5000 - 1660.5000 MHz	10K5G2F	36.00 dBW	DIGTIAL CARRIER
1626.5000 - 1660.5000 MHz	1K20G1D	36.00 dBW	DIGTIAL CARRIER
1626.5000 - 1660.5000 MHz	1K20G2D	36.00 dBW	DIGTIAL CARRIER
1626.5000 - 1660.5000 MHz	2K40G2D	36.00 dBW	DIGTIAL CARRIER
1626.5000 - 1660.5000 MHz	600HG1D	36.00 dBW	DIGTIAL CARRIER
1626.5000 - 1660.5000 MHz	600HG2D	36.00 dBW	DIGTIAL CARRIER
1626.5000 - 1649.5000 MHz	10K5G1E	31.20 dBW	AERO
1626.5000 - 1649.5000 MHz	1K20G1D	18.00 dBW	AERO
1626.5000 - 1649.5000 MHz	2K40G1D	21.00 dBW	AERO
1626.5000 - 1649.5000 MHz	600HG1D	15.00 dBW	AERO
1626.5000 - 1647.5000 MHz	NON	37.00 dBW	PILOT
1626.5000 - 1647.5000 MHz	1K20G1D	16.00 dBW	STD-C
1626.5000 - 1647.5000 MHz	600HG1D	16.00 dBW	STD-C
1626.5000 - 1647.5000 MHz	30K0F3E	37.00 dBW	STA A VOICE
1626.5000 - 1647.5000 MHz	4K80G1D	37.00 dBW	STD A TELEX
1574.4000 - 1576.6000 MHz	10K5G2F		DIGTIAL CARRIER
1574.4000 - 1576.6000 MHz	1K20G1D		DIGTIAL CARRIER
1574.4000 - 1576.6000 MHz	1K20G2D		DIGTIAL CARRIER
1574.4000 - 1576.6000 MHz	2K40G1D		DIGTIAL CARRIER
1574.4000 - 1576.6000 MHz	600HG1D		DIGTIAL CARRIER
1574.4000 - 1576.6000 MHz	600HG2D		DIGTIAL CARRIER
1530.0000 - 1548.0000 MHz	10K5G1E		AERO
1530.0000 - 1548.0000 MHz	1K20G1D		AERO
1530.0000 - 1548.0000 MHz	2K40G1D		AERO
1530.0000 - 1548.0000 MHz	600HG1D		AERO
1530.0000 - 1545.0000 MHz	NON		PILOT

1530.0000 - 1545.0000 MHz	1K20G1D		STD-C
1530.0000 - 1545.0000 MHz	600HG1D		STD-C
1530.0000 - 1545.0000 MHz	1K20G1D		STRD A TELEX
1530.0000 - 1545.0000 MHz	30K0F3E		STD A VOICE
1525.0000 - 1599.0000 MHz	10K5G2F		DIGTIAL CARRIER
1525.0000 - 1599.0000 MHz	1K20G1D		DIGTIAL CARRIER
1525.0000 - 1599.0000 MHz	1K20G2D	0.00 dBW	DIGTIAL CARRIER
1525.0000 - 1559.0000 MHz	2K40G1D	0.00 dBW	DIGTIAL CARRIER
1525.0000 - 1559.0000 MHz	600HG1D	0.00 dBW	DIGTIAL CARRIER
1525.0000 - 1559.0000 MHz	600HG2D	0.00 dBW	DIGTIAL CARRIER
ANTENNA ID: 11M	11 meters	SCIENTIFIC-ATLANTA	8007
6454.4000 - 6456.6000 MHz	1K20G1D	42.50 dBW	DIGTIAL CARRIER
6454.4000 - 6456.6000 MHz	10K5G2F	42.50 dBW	DIGTIAL CARRIER
6454.4000 - 6456.6000 MHz	1K20G2D	42.50 dBW	DIGTIAL CARRIER
6454.4000 - 6456.6000 MHz	2K40G2D	42.50 dBW	DIGTIAL CARRIER
6454.4000 - 6456.6000 MHz	2M20G1D	78.00 dBW	DIGTIAL CARRIER
6454.4000 - 6456.6000 MHz	600HG1D	42.50 dBW	DIGTIAL CARRIER
6454.4000 - 6456.6000 MHz	600HG2D	42.50 dBW	DIGTIAL CARRIER
6454.4000 - 6456.6000 MHz	2M20G1D	82.30 dBW	BPSK SPREAD SPECTRUM DATA (NAVIGATION) TO SUPPORT FAA-WASS PROGRAM
6425.0000 - 6454.0000 MHz	10K5G2F	42.50 dBW	DIGTIAL CARRIER
6425.0000 - 6454.0000 MHz	1K20G1D	42.50 dBW	DIGTIAL CARRIER
6425.0000 - 6454.0000 MHz	1K20G2D	42.50 dBW	DIGTIAL CARRIER
6425.0000 - 6454.0000 MHz	2K40G2D	42.50 dBW	DIGTIAL CARRIER
6425.0000 - 6454.0000 MHz	2M20G1D	78.00 dBW	DIGTIAL CARRIER
6425.0000 - 6454.0000 MHz	2M20G1D	82.30 dBW	DIGTIAL CARRIER

6425.0000 - 6454.0000 MHz	600HG1D	42.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	600HG2D	42.50 dBW	DIGITAL CARRIER
6417.5000 - 6443.0000 MHz	12K0G3E		INM B,C,M, FEEDERLINK
6417.5000 - 6443.0000 MHz	6K00G1D		INM B,C,M, FEEDERLINK
6417.5000 - 6443.0000 MHz	12K0G1D		INM B,C,M, FEEDERLINK
6417.5000 - 6443.0000 MHz	4K00G1D		INM B,C,M, FEEDERLINK
6417.5000 - 6443.0000 MHz	4K00G3E		INM B,C,M, FEEDERLINK
6417.5000 - 6443.0000 MHz	7K50G3E		INM B,C,M, FEEDERLINK
6417.5000 - 6443.0000 MHz	1K20G1D	65.00 dBW	AERO, FEEDERLINK
6417.5000 - 6443.0000 MHz	600HG1D	65.00 dBW	AERO, FEEDERLINK
6417.5000 - 6443.0000 MHz	2K40G1D	65.00 dBW	TDM, AERO, FEEDERLINK
6417.5000 - 6443.0000 MHz	10K5G1E	69.20 dBW	DIGITAL VOICE, AERO, FEEDERLINK
6417.5000 - 6440.0000 MHz	NON	77.00 dBW	PILOT
6417.5000 - 6440.0000 MHz	600HG1D	77.00 dBW	TDM, STD-C, FEEDERLINK
6417.5000 - 6440.0000 MHz	1K20G1D	77.00 dBW	TDM, STD-C, FEEDERLINK
6417.5000 - 6440.0000 MHz	1K20G1D	77.00 dBW	TDM, STD-A, TELEX, FEEDERLINK
6417.5000 - 6440.0000 MHz	30K0F3E	77.00 dBW	ANALOG STD-A, VOICE, FEEDERLINK
5925.0000 - 6425.0000 MHz	18M0F8F-	80.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	36M0F8F	80.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	4M00G7F-	85.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0G7F	81.30 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	21K9G7D-	85.80 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	72M0G7D	58.70 dBW	DIGITAL DATA
4192.5000 - 4200.0000 MHz	12K0G1D		INM B,C,M
4192.5000 - 4200.0000 MHz	12K0G3E		INM B,C,M

4192.5000 - 4200.0000 MHz	3K00G1E	INM B,C,M
4192.5000 - 4200.0000 MHz	4K00G1D	INM B,C,M
4192.5000 - 4200.0000 MHz	4K00G3E	INM B,C,M
4192.5000 - 4200.0000 MHz	7K50G3E	INM B,C,M
4192.5000 - 4200.0000 MHz	2K40G1D	TDM, AERO, FEEDERLINK
4192.5000 - 4200.0000 MHz	1K20G1D	TDM, STD-C, AERO FEEDERLINK
4192.5000 - 4200.0000 MHz	600HG1D	TDM, STD-C, AERO FEEDERLINK
4192.5000 - 4200.0000 MHz	10K5G1E	TDM, STD-C, AERO FEEDERLINK
4192.5000 - 4200.0000 MHz	4K80G1D	TDM, STD-C, AERO FEEDERLINK
4192.5000 - 4200.0000 MHz	NON	PILOT
3700.0000 - 4200.0000 MHz	18M0F8F-	ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0F8F	ANALOG VIDEO
3700.0000 - 4200.0000 MHz	4M00G7F-	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	21K9G7D-	DIGITAL DATA
3700.0000 - 4200.0000 MHz	72M0G7D	DIGITAL DATA
3629.4000 - 3631.6000 MHz	2M20G1D	BPSK SPREAD SPECTRUM DATA (NAVIGATION) TO SUPPORT FAA-WASS PROGRAM
3600.0000 - 3629.0000 MHz	2M20G1D	DIGITAL CARRIER
3600.0000 - 3623.0000 MHz	10K5G1E	DIGITAL VOICE, AERO
3600.0000 - 3623.0000 MHz	12K0G1D	INM B,C,M, FEEDERLINK
3600.0000 - 3623.0000 MHz	12K0G3E	INM B,C,M, FEEDERLINK
3600.0000 - 3623.0000 MHz	3K00G1D	INM B,C,M, FEEDERLINK
3600.0000 - 3623.0000 MHz	4K00G1D	INM B,C,M, FEEDERLINK
3600.0000 - 3623.0000 MHz	4K00G3E	INM B,C,M, FEEDERLINK
3600.0000 - 3623.0000 MHz	7K50G3E	INM B,C,M, FEEDERLINK

3600.0000 - 3623.0000 MHz	1K20G1D	TDM, AERO, FEEDERLINK
3600.0000 - 3623.0000 MHz	2K40G1D	TDM, AERO, FEEDERLINK
3600.0000 - 3623.0000 MHz	4K80G1D	TDM, AERO, FEEDERLINK
3600.0000 - 3623.0000 MHz	600HG1D	TDM, AERO, FEEDERLINK
3600.0000 - 3620.0000 MHz	1K20G1D	STD-C
3600.0000 - 3620.0000 MHz	600HG1D	STD-C
3600.0000 - 3620.0000 MHz	NON	PILOT
3600.0000 - 3620.0000 MHz	30K0F3E	STD A VOICE
3600.0000 - 3260.0000 MHz	4K80G1D	STD A TELEX

ANTENNA ID: 11M 11 meters SCIENTIFIC-ATLANTA 8007

SITE ID: SBY20

LOCATION: 2120 RIVER ROAD (new C-band Hub Antenna), NEW HAVEN, SOUTHURY, CT
41 ° 27 ' 6.30 " N LAT. 73 ° 17 ' 16.40 " W LONG.

ANTENNA ID: SBY20 13.1 meters GD SATCOM 13.1 METER

6679.4200 - 6701.4200 MHz	22M0G7W	83.00 dBW	IOT C5 DIGITAL DATA FEEDER LINK SYSTEM TESTING FAA-WAAS
6628.2700 - 6650.2700 MHz	22M0G7W	83.00 dBW	IOT C1 DIGITAL DATA FEEDER LINK SYSTEM TESTING FAA-WAAS
6679.4200 - 6701.4200 MHz	22M0G7W	78.00 dBW	OPERATIONAL C5 DIGITAL DATA FEEDER FAA-WAAS
6628.2700 - 6650.2700 MHz	22M0G7W	78.00 dBW	OPERATIONAL C1 DIGITAL DATA FEEDER FAA-WAAS
1564.4200 - 1586.4200 MHz	22M0G7W		IOT-DIGITAL DATA SYSTEM TESTING FAA-WAAS
1165.4500 - 1187.4500 MHz	22M0G7W		IOT-DIGITAL DATA SYSTEM TESTING FAA-WAAS
1564.4200 - 1586.4200 MHz	22M0G7W		OPERATIONAL C1 DIGITAL DATA FAA-WAAS
1165.4500 - 1187.4500 MHz	22M0G7W		OPERATIONAL C5 DIGITAL DATA FAA-WAAS
4199.6000 - 4200.0000 MHz	0M4KG7W		BEACON-2 PCM
4198.0000 - 4198.4000 MHz	0M4KG7W		BEACON-1 PCM

Points of Communication:

- SBY20 - SATMEX-9 (S2926) - (117 W.L.)
- SBY20 - SATMEX-9 (S2926) - (117 W.L.)
- SOUTHBURY - INMARSAT 4F2 - (52.75)
- SOUTHBURY - INMARSAT Ltd-3 - (15.5 W.L.)
- SOUTHBURY - INMARSAT-2 AOR-EAST - (17 W.L.)
- SOUTHBURY - INMARSAT-2 AOR-WEST - (98 W.L.)
- SOUTHBURY - INTV - (18.5 W)
- SOUTHBURY - ISAT List -
- SOUTHBURY - MARISAT-F2 - (33.9 W.L.)
- SOUTHBURY - PERMITTED LIST - ()

SES-MFS-20140630-00548 E E980137 Airbus DS SatCom Government, Inc.

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Aeronautical Mobile-Satellite Service, Feeder Link in Fixed Satellite Service, Fixed Satellite Service, International Aeronautical Mobile-Satellite Serv.

Airbus DS SatCom Government, Inc. (Airbus DS), (formally Astrium Services Government, Inc.) requests modification of its fixed earth station in Santa Paula, CA, to update Antenna ID 1-16.4M, to communicate with the SATMEX-9 satellite at the 117° W.L. orbital location in the (1) 6628.27-6650.27 and 6679.42- 6701.42 MHz (Earth-to-space); (2) 4198.0-4198.4 and 4199.6-4200.0 MHz (space-to-Earth) frequency bands to support the Federal Aviation Agency's Wide Area Augmentation System (FAA-WAAS). Airbus DS also requests to add an Antenna ID 2-1.8M to communicate with the SATMEX-9 satellite in the 1165.45-1187.45 and 1564.42-1586.42 MHz (space-to-Earth) frequency bands to support the FAA-WAAS. See also Satellites Mexicanos, S.A. de C.V., IBFS File Nos. SAT-LOI-20140617-00070 and SAT-AMD-20141119-00123.

SITE ID: 2-1.8M

LOCATION: 7376 PINE GROVE ROAD, VENTURA, SANTA PAULA, CA

34 ° 24 ' 6.00 " N LAT.

119 ° 4 ' 21.80 " W LONG.

ANTENNA ID: 1.8M 1.8 meters PRODELIN

1165.4500 - 1187.4500 MHz 22M0G7W OPERATIONAL C5 DIGITAL DATA
FAA-WAAS

1564.4200 - 1586.4200 MHz 22M0G7W OPERATIONAL C1 DIGITAL DATA
FAA-WAAS

1165.4500 - 1187.4500 MHz 22M0G7W IOT - DIGITAL DATA SYSTEM
TESTING FAA-WAAS

1564.4200 - 1586.4200 MHz 22M0G7W IOT - DIGITAL DATA SYSTEM
TESTING FAA-WAAS

SITE ID: 1-16.4M

LOCATION: 7676 PINE GROVE ROAD, VENTURA, SANTA PAULA, CA

34 ° 24 ' 6.00 " N LAT.

119 ° 4 ' 21.80 " W LONG.

ANTENNA ID:	16.4M	16.4 meters	COMSAT RSI	16.4M
	6454.4000 - 6456.6000 MHz	2M20G1D	83.00 dBW	DIGITAL DATA & Feederlink to support FAA-WASS program
	6440.8000 - 6443.0000 MHz	2M20G1D	83.00 dBW	DIGITAL DATA & Feederlink to support FAA-WASS program
	3629.4000 - 3631.6000 MHz	2M20G1D		DIGITAL DATA & Feederlink to support FAA-WASS program
	1574.4000 - 1576.6000 MHz	2M20G1D		DIGITAL DATA to support FAA-WASS program
	1545.8000 - 1548.0000 MHz	2M20G1D		DIGITAL DATA to support FAA-WASS program
	6628.2700 - 6650.2700 MHz	22M0G7W	83.00 dBW	IOT C1 DIGITAL DATA FEEDER LINK SYSTEM TESTING FAA-WAAS
	6679.4200 - 6701.4200 MHz	22M0G7W	83.00 dBW	IOT C5 DIGITAL DATA FEEDER LINK SYSTEM TESTING FAA-WAAS
	4198.0000 - 4198.4000 MHz	0M4KG7W		BEACON-1 PCM
	4199.6000 - 4200.0000 MHz	0M4KG7W		BEACON-2 PCM
	6628.2700 - 6650.2700 MHz	22M0G7W	78.00 dBW	IOT C1 DIGITAL DATA FEEDER LINK SYSTEM TESTING FAA-WAAS
	6679.4200 - 6701.4200 MHz	22M0G7W	78.00 dBW	IOT C1 DIGITAL DATA FEEDER LINK SYSTEM TESTING FAA-WAAS

Points of Communication:

- 1-16.4M - INMARSAT Ltd-3 - (178 E.L.)
- 1-16.4M - ISAT List -
- 1-16.4M - SATMEX-9 (S2926) - (117 W.L.)
- 2-1.8M - SATMEX-9 (S2926) - (117 W.L.)

SES-MOD-20141023-00817 E E880079 CBS Broadcasting Inc.

Application for Modification

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

CBS Broadcasting Inc., requests modification of its temporary-fixed earth station to replace its existing antenna with a 1.5-meter antenna. The earth station will communicate with the Permitted List satellites in the 14.0-14.5 GHz (Earth-to-space) frequency band.

SITE ID: 1
LOCATION: VARIOUS

ANTENNA ID:	1	1.5 meters	SAT-LITE TECHNOLOGIES	1500 AMT-SNG
	14000.0000 - 14500.0000 MHz	30M0F9W	64.40 dBW	ANALOG TV
	14000.0000 - 14500.0000 MHz	180KF3E	49.00 dBW	SCPC AUDIO
	14000.0000 - 14500.0000 MHz	36M0F3F	64.40 dBW	ANALOG TV
	14000.0000 - 14500.0000 MHz	36M0G7W	62.10 dBW	DIGTL TV

Points of Communication:

- 1 - PASAOR -
- 1 - PASPOR -
- 1 - PERMITTED LIST - ()
- 1 - TELSTAR 11 - (37.5 W.L.)

SES-MOD-20141030-00834 E KL92 Intelsat License LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Intelsat License LLC requests modification of its fixed earth station, in Castle Rock, CO, to: (1) add the Intelsat 30 satellite at the 95.05° W.L. orbital location, and the Intelsat 31 satellite at the 95.05° W.L. orbital location; (2) add telemetry, tracking and command emissions in the 13.75-14 GHz (Earth-to-space) and 10.95-11.2 GHz (space-to-Earth) frequency bands; (3) modify its satellite arc frequency coordination limits for the operation of Intelsat 30 and Intelsat 31; and (4) update its remote control facility information.

SITE ID: CASTLE ROCK TELEPORT

LOCATION: 5281 EAST GARTON ROAD, DOUGLASS, CASTLE ROCK, CO

39 ° 16 ' 38.00 " N LAT.

104 ° 48 ' 25.00 " W LONG.

ANTENNA ID:	7.6 Group	7.6 meters	NEC	APS-12/14-F07
	14497.0000 - 14497.0000 MHz	1M00N0N	68.50 dBW	COMMAND. Emission NON denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
	14000.0000 - 14500.0000 MHz	43M0G7W	85.00 dBW	DIGITAL DATA
	14000.0000 - 14500.0000 MHz	43G0G7W	85.00 dBW	DIGITAL VIDEO & DATA
	14000.0000 - 14500.0000 MHz	750KF2D	67.00 dBW	COMMAND CARRIER
	12190.0000 - 12200.0000 MHz	70K0N0N	0.00 dBW	TELEMETRY
	11700.0000 - 12200.0000 MHz	43M0G7W		DIGITAL DATA
	11700.0000 - 12200.0000 MHz	43G0G7W		DIGITAL VIDEO & DATA

11700.0000 - 12200.0000 MHz	750KF2D		COMMAND CARRIER
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL VIDEO & DATA
ANTENNA ID: CK-4/5	8.1 meters	HARRIS	5,349
14497.0000 - 14497.0000 MHz	1M00N0N	68.50 dBW	COMMAND. Emission NON denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
14000.0000 - 14500.0000 MHz	43M0G7W	85.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	64K0G7W	56.70 dBW	COMMAND CARRIER
14000.0000 - 14500.0000 MHz	43G0G7W	85.00 dBW	DIGITAL VIDEO & DATA
14000.0000 - 14500.0000 MHz	750KF2D	67.00 dBW	COMMAND CARRIER
12190.0000 - 12200.0000 MHz	70K0N0N	0.00 dBW	TELEMETRY
11700.0000 - 12200.0000 MHz	750KF2D		COMMAND CARRIER
11700.0000 - 12200.0000 MHz	43M0G7W		DIGITAL VIDEO & DATA
11700.0000 - 12200.0000 MHz	43M0G7W	0.00 dBW	DIGITAL DATA
ANTENNA ID: CK1-7.6	7.6 meters	NEC	90670A
14497.0000 - 14497.0000 MHz	1M00N0N	69.50 dBW	COMMAND. Emission NON denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
14000.0000 - 14500.0000 MHz	43M0G7W	85.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	750KF2D	67.00 dBW	COMMAND CARRIER
14000.0000 - 14500.0000 MHz	64K0G7W	56.70 dBW	COMMAND CARRIER
14000.0000 - 14500.0000 MHz	43G0G7W	85.00 dBW	DIGITAL VIDEO & DATA
13999.0000 - 13999.0000 MHz	750KF2D	85.00 dBW	TT&C
13751.0000 - 13751.0000 MHz	750KF2D	85.00 dBW	TT&C
12190.0000 - 12200.0000 MHz	70K0N0N	0.00 dBW	TELEMETRY
11700.0000 - 12200.0000 MHz	43M0G7W		DIGITAL DATA
11700.0000 - 12200.0000 MHz	64K0G7W		COMMAND CARRIER
11700.0000 - 12200.0000 MHz	43G0G7W		DIGITAL VIDEO & DATA

11700.0000 - 12200.0000 MHz	750KF2D			COMMAND CARRIER
11450.0000 - 11700.0000 MHz	750KF2D			TT&C
13750.0000 - 14000.0000 MHz	900KF2D	85.00 dBW		COMMAND CARRIER
10950.0000 - 11200.0000 MHz	600KF2D			TELEMETRY CARRIER
ANTENNA ID: CF-1-12.5	12.5 meters	NEC		12.5M
14000.0000 - 14500.0000 MHz	64K0G7W	56.50 dBW		DIGITAL VIDEO AND DATA
14000.0000 - 14500.0000 MHz	750KF2D	72.00 dBW		COMMAND
14000.0000 - 14500.0000 MHz	43M0G7W	77.23 dBW		DIGITAL VIDEO AND DATA
14000.0000 - 14500.0000 MHz	750KF2D	73.90 dBW		COMMAND
13750.0000 - 14000.0000 MHz	750KF2D	85.00 dBW		TT&C AND COMMAND
12190.0000 - 12200.0000 MHz	64K0N0N			TELEMETRY Emission N0N denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
11700.0000 - 12200.0000 MHz	64K0N0N			COMMAND. Emission N0N denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
11700.0000 - 12200.0000 MHz	750KF2D			COMMAND
11700.0000 - 12200.0000 MHz	43M0G7W			DIGTL DATA
11700.0000 - 12200.0000 MHz	64K0G7W			DIGITAL VIDEO AND DATA
11450.0000 - 11700.0000 MHz	750KF2D			TT&C AND COMMAND
13750.0000 - 14000.0000 MHz	900KF2D	85.00 dBW		COMMAND CARRIER
10950.0000 - 11200.0000 MHz	600KF2D			TELEMETRY CARRIER
ANTENNA ID: 12.5M	12.5 meters	NEC		12.5M
14497.0000 - 14497.0000 MHz	1M00N0N	73.90 dBW		COMMAND. Emission N0N denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
14000.0000 - 14500.0000 MHz	43M0G7W	85.00 dBW		DIGITAL DATA
14000.0000 - 14500.0000 MHz	64K0G7W	56.50 dBW		DIGITAL VIDEO & DATA
14000.0000 - 14500.0000 MHz	43G0G7W	85.00 dBW		DIGITAL VIDEO & DATA

14000.0000 - 14500.0000 MHz	750KF2D	72.00 dBW	COMMAND CARRIER
13750.0000 - 14000.0000 MHz	750KF2D	85.00 dBW	TT&C, COMMAND. Emission NON denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
12190.0000 - 12200.0000 MHz	70K0N0N		TELEMETRY
11700.0000 - 12200.0000 MHz	43M0G7W		DIGITAL DATA
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL VIDEO & DATA
11700.0000 - 12200.0000 MHz	43G0G7W		DIGITAL VIDEO & DATA
11700.0000 - 12200.0000 MHz	750KF2D		COMMAND CARRIER
11450.0000 - 11700.0000 MHz	750KF2D		TT&C

Points of Communication:

CASTLE ROCK TELEPORT - INTELSAT 30 - (95.05)

CASTLE ROCK TELEPORT - INTELSAT 31 - (95.05)

CASTLE ROCK TELEPORT - PERMITTED LIST - ()

SES-MOD-20141103-00841 E E050113 DIRECTV Enterprises, LLC

Application for Modification

Class of Station: Fixed Earth Stations

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

DIRECTV requests modification of its Ka-band fixed earth station in Los Angeles, CA, to add the Permitted list as a point of communication.

SITE ID: LABC

LOCATION: 1200 Culver Boulevard, Los Angeles, Los Angeles, CA

33 ° 58 ' 57.00 " N LAT.

118 ° 25 ' 31.20 " W LONG.

ANTENNA ID:	LKA-27	3.5 meters	ANDREW	ES35-101-208
	29250.0000 - 30000.0000 MHz	8M50G7W	76.60 dBW	QPSK, MCPC / SCPC DATA / VIDEO
	29250.0000 - 30000.0000 MHz	14M1G7W	78.80 dBW	QPSK, MCPC / SCPC DATA / VIDEO
	29250.0000 - 30000.0000 MHz	22M6G7W	80.80 dBW	QPSK, MCPC VIDEO / DATA
	29250.0000 - 30000.0000 MHz	5M70G1W	74.90 dBW	QPSK, SCPC DATA / VIDEO
	29250.0000 - 30000.0000 MHz	2M90G1W	71.90 dBW	QPSK, SCPC DATA / VIDEO
	29250.0000 - 30000.0000 MHz	2M20G1W	70.70 dBW	QPSK, SCPC DATA / VIDEO

29250.0000 - 30000.0000 MHz	54M0G7W	81.10 dBW	QPSK, MCPC VIDEO
29250.0000 - 30000.0000 MHz	36M0G7W	81.10 dBW	QPSK, MCPC VIDEO
29250.0000 - 30000.0000 MHz	24M0G7W	81.10 dBW	QPSK, MCPC VIDEO
28350.0000 - 28600.0000 MHz	8M50G7W	76.60 dBW	QPSK, MCPC / SCPC DATA / VIDEO
28350.0000 - 28600.0000 MHz	14M1G7W	78.80 dBW	QPSK, MCPC / SCPC DATA / VIDEO
28350.0000 - 28600.0000 MHz	22M6G7W	80.80 dBW	QPSK, MCPC VIDEO / DATA
28350.0000 - 28600.0000 MHz	5M70G1W	74.90 dBW	QPSK, SCPC DATA / VIDEO
28350.0000 - 28600.0000 MHz	2M90G1W	71.90 dBW	QPSK, SCPC DATA / VIDEO
28350.0000 - 28600.0000 MHz	2M20G1W	70.70 dBW	QPSK, SCPC DATA / VIDEO
28350.0000 - 28600.0000 MHz	54M0G7W	81.10 dBW	QPSK, MCPC VIDEO
28350.0000 - 28600.0000 MHz	36M0G7W	81.10 dBW	QPSK, MCPC VIDEO
28350.0000 - 28600.0000 MHz	24M0G7W	81.10 dBW	QPSK, MCPC VIDEO
19700.0000 - 20200.0000 MHz	8M50G7W		QPSK, MCPC / SCPC DATA / VIDEO
19700.0000 - 20200.0000 MHz	14M1G7W		QPSK, MCPC / SCPC DATA / VIDEO
19700.0000 - 20200.0000 MHz	22M6G7W		QPSK, MCPC VIDEO / DATA
19700.0000 - 20200.0000 MHz	5M70G1W		QPSK, SCPC DATA / VIDEO
19700.0000 - 20200.0000 MHz	2M90G1W		QPSK, SCPC DATA / VIDEO
19700.0000 - 20200.0000 MHz	2M20G1W		QPSK, SCPC DATA / VIDEO
19700.0000 - 20200.0000 MHz	54M0G7W		QPSK, MCPC VIDEO
19700.0000 - 20200.0000 MHz	36M0G7W		QPSK, MCPC VIDEO
19700.0000 - 20200.0000 MHz	24M0G7W		QPSK, MCPC VIDEO
18300.0000 - 18800.0000 MHz	8M50G7W		QPSK, MCPC / SCPC DATA / VIDEO
18300.0000 - 18800.0000 MHz	14M1G7W		QPSK, MCPC / SCPC DATA / VIDEO
18300.0000 - 18800.0000 MHz	5M70G1W		QPSK, SCPC DATA / VIDEO
18300.0000 - 18800.0000 MHz	2M90G1W		QPSK, SCPC DATA / VIDEO
18300.0000 - 18800.0000 MHz	2M20G1W		QPSK, SCPC DATA / VIDEO

18300.0000 - 18800.0000 MHz	22M6G7W	QPSK, MCPC VIDEO / DATA
18300.0000 - 18800.0000 MHz	54M0G7W	QPSK, MCPC VIDEO
18300.0000 - 18800.0000 MHz	36M0G7W	QPSK, MCPC VIDEO
18300.0000 - 18800.0000 MHz	24M0G7W	QPSK, MCPC VIDEO

Points of Communication:

LABC - DIRECTV 8 (K) - (101 W.L.)

LABC - PERMITTED LIST - ()

LABC - SPACEWAY 1 - (103 W.L.)

LABC - SPACEWAY 2 - (99 W.L.)

SES-MOD-20141113-00854 E E950009 Omnitrac,LLC.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Omnitrac, LLC., requests modification of its earth station license, call sign E950009, to replace an obsolete 9 meter antenna with a new, 7.3 meter antenna. Relocate the earth station approximately 2.4 miles to a more secure location.

SITE ID: 1

LOCATION: 5225 W. CAPOVILLA AVE. (SWITCH HUB), LAS VEGAS, LAS VEGAS, NV
 36 ° 3 ' 30.41 " N LAT. 115 ° 12 ' 52.37 " W LONG.

ANTENNA ID: 1	7.3 meters	GENERAL DYNAMICS SATECOMM TECHNOLOGIES	7.3 METER KXX
14000.0000 - 14500.0000 MHz	2M50G7D	72.25 dBW	OmniTRACS-2 Forward Link Services
11700.0000 - 12200.0000 MHz	2M50G7D		OmniTRACS-2 Forward Link Services
11700.0000 - 12200.0000 MHz	36M0F3F		OmniTRACS-2 Return Link Services

Points of Communication:

1 - PERMITTED LIST - ()

1 - SATMEX-5 (S2589) - (114.9 W.L.)

1 - SATMEX-8 (S2873) - (116.8 W.L.)

SES-MOD-20141204-00882 E E950480 WKRN, G.P.

Application for Modification

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

WKRN, G.P, requests modification of its temporary-fixed earth station authorization to change its antenna, transmitter equipment and emission designators.

SITE ID: 1

LOCATION: 441 MURFREESBORO ROAD NASHVILLE, DAVIDSON, TN 37210, TRANSPORTABLE

ANTENNA ID:	1	1.4 meters	SAT-LITE	1411
	14000.0000 - 14500.0000 MHz	36M0G7W	64.20 dBW	QPSK MODULATION FOR DIGITAL VIDEO AND AUDIO DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20141125-00874 E E140097 The Boeing Company

Special Temporary Authority

Class of Station:

The Boeing Company request special temporary authority for 180 days to operate 100 aircraft earth stations in the Boeing Broadband Satcom Network with the Satmex 6 satellite at the 113° orbital location in the 11.45-12.75 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands. See pending applications IBFS File Nos. SES-LIC-20140922-00748 and SES-AMD-20140925-00775.

Points of Communication:

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