



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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WASHINGTON D.C. 20554

News media information 202-418-0500  
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)  
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Report No. SES-01894

Wednesday October 12, 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-AMD-20160927-00803 E E140121 Intelsat License LLC

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-MOD-20160620-00555 for a description of the application.

SITE ID: MTN-1

LOCATION: 17625 Technology BLVD, Washington, Hagerstown, MD  
39 ° 35 ' 53.10 " N LAT.

77 ° 45 ' 22.30 " W LONG.

ANTENNA ID:	K78	13.5 meters	Viasat	13.5m
	12875.0000 - 13250.0000 MHz	62M5G7W	76.30 dBW	Digital Data
	12875.0000 - 13250.0000 MHz	36M0G7W	73.90 dBW	Digital Data
	13750.0000 - 13770.0000 MHz	62M5G7W	85.00 dBW	Digital Data
	13750.0000 - 13770.0000 MHz	36M0G7W	85.00 dBW	Digital Data
	13750.0000 - 13770.0000 MHz	1M00G7W	73.30 dBW	Digital Data
	13770.0000 - 13780.0000 MHz	62M5G7W	81.20 dBW	Digital Data
	13770.0000 - 13780.0000 MHz	36M0G7W	78.80 dBW	Digital Data
	13770.0000 - 13780.0000 MHz	5M00G7W	68.00 dBW	Digital Data

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13780.0000 - 14000.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13780.0000 - 14000.0000 MHz	1M00G7W	73.30 dBW	Digital Data
14000.0000 - 14500.0000 MHz	62M5G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M00G7W	73.30 dBW	Digital Data
10700.0000 - 10950.0000 MHz	62M0G7W		Digital Data
10700.0000 - 10950.0000 MHz	1M00G7W		Digital Data
11200.0000 - 11450.0000 MHz	62M5G7W		Digital Data
11200.0000 - 11450.0000 MHz	1M00G7W		Digital Data
12200.0000 - 12500.0000 MHz	62M5G7W		Digital Data
12200.0000 - 12500.0000 MHz	1M00G7W		Digital Data
11700.0000 - 11950.0000 MHz	62M5G7W		Digital Data
11700.0000 - 11950.0000 MHz	1M00G7W		Digital Data
11950.0000 - 12200.0000 MHz	62M5G7W		Digital Data
11950.0000 - 12200.0000 MHz	1M00G7W		Digital Data
11450.0000 - 11700.0000 MHz	1M00G7W		Digital Data
11450.0000 - 11700.0000 MHz	250KG7D		Digital Data
12875.0000 - 13250.0000 MHz	1M00G7W	58.30 dBW	Digital Data
14000.0000 - 14500.0000 MHz	34M0G7D	88.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K0G7D	59.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	72M0G7D	88.00 dBW	DIGITAL DATA
13753.0000 - 13753.0000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
13995.0000 - 13995.0000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
14001.0000 - 14001.0000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14003.0000 - 14003.0000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14006.0000 - 14006.0000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING

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14497.0000 - 14497.0000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
13750.5000 - 13750.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
13750.5000 - 13750.5000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
13994.5000 - 13994.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
13995.5000 - 13995.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
13997.5000 - 13997.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
13998.5000 - 13998.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
14000.5000 - 14000.5000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
14000.5000 - 14000.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14003.5000 - 14003.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
14494.5000 - 14494.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14498.5000 - 14498.5000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
14499.5000 - 14499.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14998.5000 - 14998.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
11450.0000 - 11452.0000 MHz	N0N		BEACON
11697.0000 - 11700.0000 MHz	N0N		BEACON
11700.0000 - 11705.0000 MHz	N0N		BEACON
12198.0000 - 12200.0000 MHz	N0N		BEACON
11445.0000 - 11460.0000 MHz	500KG7W		TELEMETRY
11695.0000 - 11700.0000 MHz	500KG7D		TELEMETRY
11700.0000 - 11710.0000 MHz	1M60G7D		TELEMETRY
11700.0000 - 11710.0000 MHz	500KG7D		TELEMETRY
12195.0000 - 12200.0000 MHz	500KG7D		TELEMETRY
10950.0000 - 11200.0000 MHz	43K0G7D		DIGITAL DATA
10950.0000 - 11200.0000 MHz	72M0G7D		DIGITAL DATA
11450.0000 - 11700.0000 MHz	43K0G7D		DIGITAL DATA

11450.0000 - 11700.0000 MHz	72M0G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	43K0G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	72M0G7D		DIGITAL DATA
11195.5000 - 11195.5000 MHz	500KG7D		TELEMETRY
11198.0000 - 11198.0000 MHz	500KG7D		TELEMETRY
11198.5000 - 11198.5000 MHz	500KG7D		TELEMETRY
11194.2500 - 11194.2500 MHz	500KG7D		TELEMETRY
11196.2500 - 11196.2500 MHz	500KG7D		TELEMETRY
11199.2500 - 11199.2500 MHz	500KG7D		TELEMETRY
11199.7500 - 11199.7500 MHz	500KG7D		TELEMETRY
ANTENNA ID: K77	13.1 meters	Vertex/RSI	ST 13.1
12875.0000 - 13250.0000 MHz	62M5G7W	75.70 dBW	Digital Data
12875.0000 - 13250.0000 MHz	36M0G7W	73.30 dBW	Digital Data
12875.0000 - 13250.0000 MHz	1M00G7W	57.70 dBW	Digital Data
13750.0000 - 13770.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	36M0G7W	85.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	1M00G7W	72.70 dBW	Digital Data
13770.0000 - 13780.0000 MHz	62M5G7W	81.20 dBW	Digital Data
13770.0000 - 13780.0000 MHz	36M0G7W	78.80 dBW	Digital Data
13770.0000 - 13780.0000 MHz	5M00G7W	68.00 dBW	Digital Data
13780.0000 - 14000.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13780.0000 - 14000.0000 MHz	36M0G7W	85.00 dBW	Digital Data
13780.0000 - 14000.0000 MHz	1M00G7W	72.70 dBW	Digital Data
11200.0000 - 11450.0000 MHz	62M5G7W		Digital Data
11200.0000 - 11450.0000 MHz	1M00G7W		Digital Data
12200.0000 - 12500.0000 MHz	62M5G7W		Digital Data

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12200.0000 - 12500.0000 MHz	1M00G7W		Digital Data
11700.0000 - 11950.0000 MHz	62M0G7W		Digital Data
11700.0000 - 11950.0000 MHz	1M00G7W		Digital Data
11950.0000 - 12200.0000 MHz	62M5G7W		Digital Data
11950.0000 - 12200.0000 MHz	1M00G7W		Digital Data
11450.0000 - 11700.0000 MHz	250KG7D		Digital Data
11450.0000 - 11700.0000 MHz	1M00G7W		Digital Data
10700.0000 - 10950.0000 MHz	62M0G7W		Digital Data
10700.0000 - 10950.0000 MHz	1M00G7W		Digital Data
11950.0000 - 12200.0000 MHz	250KG7D		Digital Data
14000.0000 - 14500.0000 MHz	62M5G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M00G7W	72.70 dBW	Digital Data
11196.7500 - 11196.7500 MHz	500KG7D		TELEMETRY

**Points of Communication:**

- MTN-1 - GALAXY 23 (S2592) - (121 W.L.)
  - MTN-1 - GALAXY 3C (S2381) - (95.05 W.L.)
  - MTN-1 - INTELSAT 11 (S2237) - (43.0 W.L.)
  - MTN-1 - INTELSAT 16 (S2750) - (58.10 W.L.)
  - MTN-1 - INTELSAT 16 (S2750) - (58.10 W.L.)
  - MTN-1 - INTELSAT 1R (S2368) - (50.1 W.L.)
  - MTN-1 - INTELSAT 21 (S2863) - (58.0 W.L.)
  - MTN-1 - INTELSAT 29e (S2913) - (50.0 W.L.)
  - MTN-1 - INTELSAT 30 (S2887) - (95.05 W.L.)
  - MTN-1 - INTELSAT 31 (S2924) - (95.05 W.L.)
  - MTN-1 - INTELSAT 9 (S2380) - (43.1 W.L.)
  - MTN-1 - PERMITTED LIST - ()
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Amendment

**Class of Station:** Other

**Nature of Service:** Fixed Satellite Service, Other

See IBFS File No. SES-MFS-20160824-00738 for a description of the application.

**SITE ID:** AES1

**LOCATION:** UP TO 1000 ESAA TERMINALS (0.24 m) CONUS and OCONUS, 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
	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
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
12200.0000 - 12750.0000 MHz	30M0G7D	0.00 dBW	Digital Data Services
11700.0000 - 12200.0000 MHz	30M0G7D		Digital Data Services
11450.0000 - 11700.0000 MHz	30M0G7D		Digital Data Services
11200.0000 - 11450.0000 MHz	30M0G7W		Digital Data Services
10950.0000 - 11200.0000 MHz	30M0G7D		Digital Data Services

SITE ID: AES2

LOCATION: UP TO 1000 ESAA TERMINALS (0.74 m) CONUS and OCONUS, 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

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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
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



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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
12250.0000 - 12750.0000 MHz	30M0G7D		DIGITAL DATA SERVICES
11700.0000 - 12200.0000 MHz	30M0G7D		DIGITAL DATA SERVICES
11450.0000 - 11700.0000 MHz	30M0G7D		DIGITAL DATA SERVICES
11200.0000 - 11450.0000 MHz	30M0G7W		DIGITAL DATA SERVICES
10950.0000 - 11200.0000 MHz	30M0G7D		DIGITAL DATA SERVICES

**Points of Communication:**

- AES1 - AMC 21 - (125 W.L.)
- AES1 - AMC-1(S2445) - (129.15)
- AES1 - AsiaSat 7 - (105.5 E.L.)
- AES1 - ASTRA 4A - (4.8 E.L.)
- AES1 - EUTELSAT 115 WB - (114.9 W.L.)
- AES1 - EUTELSAT 117 (S2873) - (116.8 W.L.)
- AES1 - EUTELSAT 172A(S2610) - (172 E. L.)
- AES1 - GALAXY 17 (S2715) - (91 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 - (60.0 E.L.)
- AES1 - INTELSAT 904 - (60 E.L.)

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

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

AES1 - SES-1 - (101.0 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 - Yamal 300K - (183 E.L.)

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

AES2 - AMC 21 - (125 W.L.)

AES2 - AMC 3 - (67 W.L.)

AES2 - AMC-1(S2445) - (129.15)

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

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

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

AES2 - EUTELSAT 115 WB - (114.9 W.L.)

AES2 - EUTELSAT 117 (S2873) - (116.8 W.L.)

AES2 - GALAXY 17 (S2715) - (91 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 - (60.0 E.L.)

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

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

AES2 - SES-1 - (101.0 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 - Yamal 300K - (183 E.L.)

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

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**SES-MFS-20160824-00738**    E E120106    AC BidCo LLC

Modification

**Class of Station:**        Other

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

AC BidCo LLC requests authority to modify its existing Ku-band earth station aboard aircraft (ESAA) blanket license by adding seven points of communication for its ESAA terminals. Specifically, AC BidCo seeks to add the following as authorized points of communication: (1) Intelsat 20 at 68.5° E.L., using the 10.95-11.2 GHz, 11.45-11.7 GHz, and 12.5-12.75 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands; (2) Intelsat 29e at 50° W.L., using the 10.95-11.2 GHz, 11.2-11.45 GHz, 11.45-11.7 GHz, and 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands; (3) Intelsat 33e at 60° E.L., using the 10.95-11.2 GHz, 11.45-11.7 GHz, 11.7-12.2 GHz, and 12.5-12.6 GHz (space-to-Earth) and 14.0-4.5 GHz (Earth-to-space) frequency bands; (4) Intelsat 907 at 27.5° W.L., using the 10.95-11.2 GHz and 11.45-11.7 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands; (5) AMC-21 at 124.9° W.L., using the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands; (6) Astra 4A at 4.8° E.L., using the 11.7-12.2 GHz and 12.2-12.75 GHz (space-to-Earth) and 14.0-14.25 GHz (Earth-to-space) frequency bands; and (7) AMC-3 at 67° W.L., using the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands. The AMC-3 space station would be added only for communications with the ThinKom antenna system. As part of its modification request, AC BidCo seeks waivers, to the extent necessary, of Sections 2.106 and 25.283(c) of the Commission's rules. See IBFS File No. SES-AMD-20161004-00827.

SITE ID:            AES1

LOCATION:          UP TO 1000 ESAA TERMINALS (0.24 m), 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

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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

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SITE ID: AES2  
LOCATION: UP TO 1000 ESAA TERMINALS (0.74 m), 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

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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

**Points of Communication:**

AES1 - AMC 21 - (125 W.L.)

AES1 - AMC-1(S2445) - (129.15)

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

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

AES1 - EUTELSAT 115 WB - (114.9 W.L.)

AES1 - EUTELSAT 117 (S2873) - (116.8 W.L.)

AES1 - EUTELSAT 172A(S2610) - (172 E. L.)

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

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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 - (60.0 E.L.)

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

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

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

AES1 - SES-1 - (101.0 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 - Yamal 300K - (183 E.L.)

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

AES2 - AMC 21 - (125 W.L.)

AES2 - AMC 3 - (67 W.L.)

AES2 - AMC-1(S2445) - (129.15)

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

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

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

AES2 - EUTELSAT 115 WB - (114.9 W.L.)

AES2 - EUTELSAT 117 (S2873) - (116.8 W.L.)

AES2 - GALAXY 17 (S2715) - (91 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 - (60.0 E.L.)

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

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

AES2 - SES-1 - (101.0 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 - Yamal 300K - (183 E.L.)

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

**SES-MOD-20160620-00555** E E140121 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 Hagerstown, MD to add new emission designators and related service, to communicate with the following points of communication and orbital locations: Intelsat 31 at 95.0° W.L., Intelsat 16 at 58.1° W.L., Intelsat 1R at 50.1° W.L., Intelsat 21 at 58° W.L., Intelsat 9 at 43.1° W.L., Intelsat 30 at 95.0° W.L., Galaxy 3C at 95.05° W.L., Intelsat 11 at 43° W.L., and Galaxy 23 at 121° W.L. and Permitted List satellites, in the 13.75-14.0 GHz and 14.0-14.5 GHz (Earth-to-space), and 10.95-11.2 GHz, 11.45-11.7 GHz, and 11.7-12.2 GHz (space-to-Earth) frequency bands. See IBFS File No. SES-AMD-20160927-00803.

**SITE ID:** MTN-1

**LOCATION:** 17625 Technology BLVD, Washington, Hagerstown, MD

39 ° 35 ' 53.10 " N LAT.

77 ° 45 ' 22.30 " W LONG.

ANTENNA ID:	K78	13.5 meters	Viasat	13.5m
	12875.0000 - 13250.0000 MHz	62M5G7W	76.30 dBW	Digital Data
	12875.0000 - 13250.0000 MHz	36M0G7W	73.90 dBW	Digital Data
	13750.0000 - 13770.0000 MHz	62M5G7W	85.00 dBW	Digital Data
	13750.0000 - 13770.0000 MHz	36M0G7W	85.00 dBW	Digital Data



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13750.0000 - 13770.0000 MHz	1M00G7W	73.30 dBW	Digital Data
13770.0000 - 13780.0000 MHz	62M5G7W	81.20 dBW	Digital Data
13770.0000 - 13780.0000 MHz	36M0G7W	78.80 dBW	Digital Data
13770.0000 - 13780.0000 MHz	5M00G7W	68.00 dBW	Digital Data
13780.0000 - 14000.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13780.0000 - 14000.0000 MHz	1M00G7W	73.30 dBW	Digital Data
14000.0000 - 14500.0000 MHz	62M5G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M00G7W	73.30 dBW	Digital Data
10700.0000 - 10950.0000 MHz	62M0G7W		Digital Data
10700.0000 - 10950.0000 MHz	1M00G7W		Digital Data
11200.0000 - 11450.0000 MHz	62M5G7W		Digital Data
11200.0000 - 11450.0000 MHz	1M00G7W		Digital Data
12200.0000 - 12500.0000 MHz	62M5G7W		Digital Data
12200.0000 - 12500.0000 MHz	1M00G7W		Digital Data
11700.0000 - 11950.0000 MHz	62M5G7W		Digital Data
11700.0000 - 11950.0000 MHz	1M00G7W		Digital Data
11950.0000 - 12200.0000 MHz	62M5G7W		Digital Data
11950.0000 - 12200.0000 MHz	1M00G7W		Digital Data
11450.0000 - 11700.0000 MHz	1M00G7W		Digital Data
11450.0000 - 11700.0000 MHz	250KG7D		Digital Data
12875.0000 - 13250.0000 MHz	1M00G7W	58.30 dBW	Digital Data
14000.0000 - 14500.0000 MHz	34M0G7D	88.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K0G7D	59.00 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	72M0G7D	88.00 dBW	DIGITAL DATA
13753.0000 - 13753.0000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING

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13995.0000 - 13995.0000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
14001.0000 - 14001.0000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14003.0000 - 14003.0000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14006.0000 - 14006.0000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
14497.0000 - 14497.0000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
13750.5000 - 13750.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
13750.5000 - 13750.5000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
13994.5000 - 13994.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
13995.5000 - 13995.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
13997.5000 - 13997.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
13998.5000 - 13998.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
14000.5000 - 14000.5000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
14000.5000 - 14000.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14003.5000 - 14003.5000 MHz	1M00G9D	85.00 dBW	COMMAND AND RANGING
14494.5000 - 14494.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14498.5000 - 14498.5000 MHz	850KF2D	85.00 dBW	COMMAND AND RANGING
14499.5000 - 14499.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
14998.5000 - 14998.5000 MHz	750KF2D	85.00 dBW	COMMAND AND RANGING
11450.0000 - 11452.0000 MHz	N0N		BEACON
11697.0000 - 11700.0000 MHz	N0N		BEACON
11700.0000 - 11705.0000 MHz	N0N		BEACON
12198.0000 - 12200.0000 MHz	N0N		BEACON
11445.0000 - 11460.0000 MHz	500KG7W		TELEMETRY
11695.0000 - 11700.0000 MHz	500KG7D		TELEMETRY
11700.0000 - 11710.0000 MHz	1M60G7D		TELEMETRY
11700.0000 - 11710.0000 MHz	500KG7D		TELEMETRY

12195.0000 - 12200.0000 MHz	500KG7D		TELEMETRY
10950.0000 - 11200.0000 MHz	43K0G7D		DIGITAL DATA
10950.0000 - 11200.0000 MHz	72M0G7D		DIGITAL DATA
11450.0000 - 11700.0000 MHz	43K0G7D		DIGITAL DATA
11450.0000 - 11700.0000 MHz	72M0G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	43K0G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	72M0G7D		DIGITAL DATA
11195.5000 - 11195.5000 MHz	500KG7D		TELEMETRY
11198.0000 - 11198.0000 MHz	500KG7D		TELEMETRY
11196.2500 - 11196.2500 MHz	500KG7D		TELEMETRY
11194.2500 - 11194.2500 MHz	500KG7D		TELEMETRY
11198.500 - 11198.5000 MHz	500KG7D		TELEMETRY
11196.7500 - 11196.7500 MHz	500KG7D		TELEMETRY
11199.2500 - 11199.2500 MHz	500KG7D		TELEMETRY
11199.7500 - 11199.7500 MHz	500KG7D		TELEMETRY
ANTENNA ID: K77	13.1 meters	Vertex/RSI	ST 13.1
12875.0000 - 13250.0000 MHz	62M5G7W	75.70 dBW	Digital Data
12875.0000 - 13250.0000 MHz	36M0G7W	73.30 dBW	Digital Data
12875.0000 - 13250.0000 MHz	1M00G7W	57.70 dBW	Digital Data
13750.0000 - 13770.0000 MHz	62M5G7W	85.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	36M0G7W	85.00 dBW	Digital Data
13750.0000 - 13770.0000 MHz	1M00G7W	72.70 dBW	Digital Data
13770.0000 - 13780.0000 MHz	62M5G7W	81.20 dBW	Digital Data
13770.0000 - 13780.0000 MHz	36M0G7W	78.80 dBW	Digital Data
13770.0000 - 13780.0000 MHz	5M00G7W	68.00 dBW	Digital Data
13780.0000 - 14000.0000 MHz	62M5G7W	85.00 dBW	Digital Data

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13780.0000 - 14000.0000 MHz	36M0G7W	85.00 dBW	Digital Data
13780.0000 - 14000.0000 MHz	1M00G7W	72.70 dBW	Digital Data
11200.0000 - 11450.0000 MHz	62M5G7W		Digital Data
11200.0000 - 11450.0000 MHz	1M00G7W		Digital Data
12200.0000 - 12500.0000 MHz	62M5G7W		Digital Data
12200.0000 - 12500.0000 MHz	1M00G7W		Digital Data
11700.0000 - 11950.0000 MHz	62M0G7W		Digital Data
11700.0000 - 11950.0000 MHz	1M00G7W		Digital Data
11950.0000 - 12200.0000 MHz	62M5G7W		Digital Data
11950.0000 - 12200.0000 MHz	1M00G7W		Digital Data
11450.0000 - 11700.0000 MHz	250KG7D		Digital Data
11450.0000 - 11700.0000 MHz	1M00G7W		Digital Data
10700.0000 - 10950.0000 MHz	62M0G7W		Digital Data
10700.0000 - 10950.0000 MHz	1M00G7W		Digital Data
11950.0000 - 12200.0000 MHz	250KG7D		Digital Data
14000.0000 - 14500.0000 MHz	62M5G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M00G7W	72.70 dBW	Digital Data

**Points of Communication:**

- MTN-1 - GALAXY 23 (S2592) - (121 W.L.)
- MTN-1 - GALAXY 3C (S2381) - (95.05 W.L.)
- MTN-1 - INTELSAT 11 (S2237) - (43.0 W.L.)
- MTN-1 - INTELSAT 16 (S2750) - (58.10 W.L.)
- MTN-1 - INTELSAT 1R (S2368) - (50.1 W.L.)
- MTN-1 - INTELSAT 21 (S2863) - (58.0 W.L.)
- MTN-1 - INTELSAT 29e (S2913) - (50.0 W.L.)
- MTN-1 - INTELSAT 30 (S2887) - (95.05 W.L.)

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MTN-1 - INTELSAT 31 (S2924) - (95.05 W.L.)

MTN-1 - INTELSAT 9 (S2380) - (43.1 W.L.)

MTN-1 - PERMITTED LIST - ()

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**SES-MOD-20160908-00776** E E140023 University of Alaska Fairbanks

Application for Modification

**Class of Station:** Fixed Earth Stations

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

University of Alaska Fairbanks requests modification of its fixed earth station in North Star, AK to operate 7.3-meter and 9.1-meter antennas to communicate with already authorized points of communication in the 2030-2100 MHz (Earth-to-space) frequency band.

SITE ID: UAF ASF GS

LOCATION: 1625 Richardson Hwy, North Star, North Pole, AK  
64 ° 47 ' 37.00 " N LAT.

147 ° 32 ' 10.00 " W LONG.

ANTENNA ID:	7.3m	7.3 meters	ViaSat	7.3 Meter
	8072.5000 - 8371.2000 MHz		100KG7D	Digital Data Carrier
	2042.0000 - 2052.0000 MHz		100KG7D	53.90 dBW Digital Data Carrier
	2030.0000 - 2100.0000 MHz		100KG7D	53.90 dBW DIGITAL DATA CARRIER
ANTENNA ID:	9.1m	9.1 meters	ViaSat	9.1 Meter
	8072.5000 - 8371.2000 MHz		100KG7D	Digital Data Carrier
	2042.0000 - 2052.0000 MHz		100KG7D	24.90 dBW Digital Data Carrier
	2030.0000 - 2100.0000 MHz		100KG7D	24.90 dBW DIGITAL DATA CARRIER

**Points of Communication:**

UAF ASF GS - GeoEye 1 (S2348) - (NGSO)

UAF ASF GS - GeoEye 2 (S2348) - (NGSO)

UAF ASF GS - WORLDVIEW-1(S2129) - (NGSO)

UAF ASF GS - WORLDVIEW-2(S2129) - (NGSO)

UAF ASF GS - WORLDVIEW-3 (S2129) - (NGSO)

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