



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01867

Wednesday July 13, 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-AFS-20160614-00506 E E080100 Row 44 Inc.

Amendment

Class of Station: Other

Nature of Service: Fixed Satellite Service, Other

See IBFS File No. SES-MFS-20150928-00635 for a description of application as amended.

SITE ID: Remotes-1

LOCATION: Operate up to 1000 ESAA terminals (.6 m) CONUS, TERR., INTERNATIONAL WATERS

ANTENNA ID:	A	0.6 meters	AeroSat Avionics	70-100-0000-01
	11700.0000 - 12200.0000 MHz	36M0G7D	0.00 dBW	QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	1M60G7D	38.60 dBW	QPSK OR OCTAL PSK

SITE ID: Remotes-2

LOCATION: Operate up to 1000 ESAA terminals (.62m) CONUS, TERR., INTERNATIONAL WATERS

ANTENNA ID:	B	0.62 meters	TECOM	Ku-Stream
	14050.0000 - 14470.0000 MHz	1M60G7D	41.30 dBW	QPSK OR OCTAL PSK
	14050.0000 - 14470.0000 MHz	3M20G7D	43.30 dBW	QPSK OR OCTAL PSK
	11700.0000 - 12200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
	11450.0000 - 12200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK

12250.0000 - 12750.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	6M40G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M60G7D	38.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	3M20G7D	43.80 dBW	QPSK OR OCTAL PSK
11450.0000 - 11700.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
10950.0000 - 11200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	3M20G7D	41.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M60G7D	36.00 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M60G7D	41.30 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	3M20G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	6M40G7D	43.80 dBW	QPSK OR OCTAL PSK
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M60G7D	41.30 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	2M04G7D	42.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	3M20G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	4M09G7D	42.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	6M40G7D	43.80 dBW	QPSK OR OCTAL PSK
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M20G7D	42.80 dBW	QPSK OR OCTAL PSK

Points of Communication:

Remotes-1 - AMC 9 (S2434) - (83 W.L.)

Remotes-1 - HORIZONS 1 - (127 WL)

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

Remotes-2 - AMC 2 - (84.85)

Remotes-2 - AMC 3 - (67 W.L.)

Remotes-2 - AMC 9 (S2434) - (83 W.L.)

Remotes-2 - AMC-1(S2445) - (129.15)

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

Remotes-2 - EUTELSAT 115 WA - (114.9 W.L.)

Remotes-2 - EUTELSAT 115 WB - (114.9 W.L.)

Remotes-2 - EUTELSAT 117 (S2873) - (116.8 W.L.)

Remotes-2 - HORIZONS 1 - (127 WL)

Remotes-2 - INTELSAT 19 (S2850) - (166.0 E.L.)

Remotes-2 - SES-1 - (101.0 W.L.)

Remotes-2 - SES-6 (S2870) - (40.5 W.L.)

Remotes-2 - TELSTAR 11N (S2357) - (37.5 W.L.)

SES-LIC-20160707-00635 E E160126 WHDH-TV

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION:

ANTENNA ID:	1	1.8 meters	AVL TECHNOLOGIES	1.8M
	14000.0000 - 14500.0000 MHz	51K2G7W	43.77 dBW	DIGITAL DATA, VARIOUS FEC, DATA RATES, MODULATION
	14000.0000 - 14500.0000 MHz	36M0G7W	66.70 dBW	DIGITAL DATA, VARIOUS FEC, DATA RATES, MODULATION

Points of Communication:

1 - PERMITTED LIST - ()

SES-MFS-20150928-00635 E E080100 Row 44 Inc.

Modification

Class of Station: Other

Nature of Service: Fixed Satellite Service, Other

Row 44, Inc. requests modification its current Earth Stations Aboard Aircraft (ESAA) blanket authorization to expand its ESAA network capacity and availability. The modifications are related only to Antenna ID "B" to: 1) add the Eutelsat 115 West B satellite at the 114.9° W.L. orbital location as a new point of communication; 2) reflect the relocation of the AMC-2 satellite to the 84.85° W.L. orbital location and; 3) provide operator certifications for the AMC-1 satellite at the 129.15° W.L. orbital location. All operations are in the 11.7-12.2 GHz (space-to-Earth) and 14.05-14.47 GHz (Earth-to-space) frequency bands. See IBFS File No. SES-AFS-20160614-00506.

SITE ID: Remotes-1

LOCATION: Operate up to 1000 ESAA terminals (.6 m) CONUS, TERR., INTERNATIONAL WATERS

ANTENNA ID:	A	0.6 meters	AeroSat Avionics	70-100-0000-01
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11700.0000 - 12200.0000 MHz	36M0G7D	0.00 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M60G7D	38.60 dBW	QPSK OR OCTAL PSK

SITE ID: Remotes-2

LOCATION: Operate up to 1000 ESAA terminals (.62m) CONUS, TERR., INTERNATIONAL WATERS

ANTENNA ID:	B	0.62 meters	TECOM	Ku-Stream
14050.0000 - 14470.0000 MHz		1M60G7D	41.30 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		3M20G7D	43.30 dBW	QPSK OR OCTAL PSK
11700.0000 - 12200.0000 MHz		36M0G7D		QPSK OR OCTAL PSK
11450.0000 - 12200.0000 MHz		36M0G7D		QPSK OR OCTAL PSK
12250.0000 - 12750.0000 MHz		36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		6M40G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		1M60G7D	38.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		3M20G7D	43.80 dBW	QPSK OR OCTAL PSK
11450.0000 - 11700.0000 MHz		36M0G7D		QPSK OR OCTAL PSK
10950.0000 - 11200.0000 MHz		36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		3M20G7D	41.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		1M60G7D	36.00 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		1M60G7D	41.30 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		3M20G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		6M40G7D	43.80 dBW	QPSK OR OCTAL PSK
11700.0000 - 12200.0000 MHz		36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		1M20G7D	42.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		1M60G7D	41.30 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		2M04G7D	42.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		3M20G7D	43.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		4M09G7D	42.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz		6M40G7D	43.80 dBW	QPSK OR OCTAL PSK

QPSK OR OCTAL PSK

Remotes-2 - TELSTAR 11N (S2357) - (37.5 W.L.)

Nature of Service: Fixed Satellite Service

Digital phase modulation.

14000.0000 - 14500.0000 MHz	72M0G7W	84.90 dBW	DIGITAL VIDEO, AUDIO AND DATA
14000.0000 - 14500.0000 MHz	72M0D7W	84.90 dBW	DIGITAL VIDEO, AUDIO AND DATA
13780.0000 - 14000.0000 MHz	36M0G7W	84.90 dBW	DIGITAL VIDEO, AUDIO AND DATA
13770.0000 - 13780.0000 MHz	10M0G7W	73.20 dBW	DIGITAL VIDEO, AUDIO AND DATA
13750.0000 - 13770.0000 MHz	20M0G7W	84.90 dBW	DIGITAL VIDEO, AUDIO AND DATA
14000.0000 - 14500.0000 MHz	1M00F9D	79.50 dBW	FM, TELECOMMAND
13780.0000 - 14000.0000 MHz	1M00F9D	79.50 dBW	FM, TELECOMMAND
13750.0000 - 13770.0000 MHz	1M00F9D	79.50 dBW	FM, TELECOMMAND
11700.0000 - 12200.0000 MHz	72M0G7W		DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	72M0D7W		DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	72M0G7W		DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	72M0D7W		DIGITAL VIDEO, AUDIO AND DATA
10950.0000 - 11200.0000 MHz	72M0G7W		DIGITAL VIDEO, AUDIO AND DATA
10950.0000 - 11200.0000 MHz	72M0D7W		DIGITAL VIDEO, AUDIO AND DATA
14000.0000 - 14500.0000 MHz	100KG7W		DIGITAL DATA
14000.0000 - 14500.0000 MHz	100KG7W	63.50 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	100KD7W	63.50 dBW	DIGITAL DATA
13780.0000 - 14000.0000 MHz	400KG7W	69.50 dBW	DIGITAL DATA
13770.0000 - 13780.0000 MHz	400KG7W	69.50 dBW	DIGITAL DATA
13750.0000 - 13770.0000 MHz	400KG7W	69.50 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	NON	55.50 dBW	CW TEST CARRIER
11450.0000 - 11700.0000 MHz	NON		CW, TRACKING BEACON
10950.0000 - 11200.0000 MHz	NON		CW, TRACKING BEACON
11700.0000 - 12200.0000 MHz	NON		CW, TRACKING BEACON
11700.0000 - 12200.0000 MHz	500KG7D		PM, TELEMETRY
11450.0000 - 11700.0000 MHz	500KG7D		PM, TELEMETRY

10950.0000 - 11200.0000 MHz	500KG7D	PM, TELEMETRY
11700.0000 - 12200.0000 MHz	100KG7W	DIGITAL DATA
11700.0000 - 12200.0000 MHz	100KD7W	DIGITAL DATA
11450.0000 - 11700.0000 MHz	100KG7W	DIGITAL DATA
11450.0000 - 11700.0000 MHz	100KD7W	DIGITAL DATA
10950.0000 - 11200.0000 MHz	100KG7W	DIGITAL DATA
10950.0000 - 11200.0000 MHz	100KD7W	DIGITAL DATA

Points of Communication:

- 1 - AMC-4(S2135) - (67 W.L.)
- 1 - AMC-6 (S2347) - (72 W.L.)
- 1 - ASTRA 3A - (86.85)
- 1 - NSS-7 (S2463) - (20 W.L.)
- 1 - NSS-7 (S2854) - (20 W.L.)
- 1 - NSS-703(S2818) - (47.05 W.L.)
- 1 - PERMITTED LIST - ()
- 1 - SES-4 (S2828) - (22.0 W.L.)

SES-MOD-20160630-00627 E E140015 Production & Satellite Services, Inc.

Application for Modification

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

Production & Satellite Services, Inc. requests modification of its fixed earth station, to replace its antenna and change emission designators. This earth station operates with Permitted Listsatellites 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: 4415 Wagon Trail Ave VARIOUS, Clark, Las Vegas, NV

ANTENNA ID: 1	2.4 meters	AVL TECHNOLOGIES INC.	ESA-24VSM
14000.0000 - 14500.0000 MHz	4M00G7F	61.22 dBW	Digital TV With Associated Audio
14000.0000 - 14500.0000 MHz	36M0G7F	72.77 dBW	Digital TV With Associated Audio
11700.0000 - 12200.0000 MHz	36M0G7F		Digital TV With Associated Audio
11700.0000 - 12200.0000 MHz	4M00G7F		Digital TV With Associated Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20160427-00381 E E980047 EchoStar Broadcasting Corporation

Special Temporary Authority

Class of Station:

EchoStar Broadcasting Corporation requests special temporary authority for 180 days, beginning September 1, 2016, to operate its fixed earth station in Cheyenne, WY, to conduct in-orbit testing and telemetry, tracking, and command of the EchoStar 23 satellite at 67.1° W.L. for 30 days and at 86.4° W.L. for 90 days before moving to its assigned orbital location at 45° W.L. All operations are on the following center frequencies and frequency bands: 17.305 GHz, 17.791 GHz and 17.3-17.31 GHz (Earth-to-space); and 12.207 GHz, 12.208 GHz, and 12.2 - 12.21 GHz (space-to-Earth).

Points of Communication:

SES-STA-20160427-00382 E E150098 EchoStar Broadcasting Corporation

Special Temporary Authority

Class of Station:

EchoStar Broadcasting Corporation requests special temporary authority for 180 days, beginning September 1, 2016, to operate its fixed earth station in Summerset, SD, to conduct in-orbit testing and telemetry, tracking, and command of the EchoStar 23 satellite at 67.1° W.L. for 30 days and at 86.4° W.L. for 90 days before moving to its assigned orbital location at 45° W.L. All operations are on the following center frequencies and frequency bands: 17.305 GHz, 17.791 GHz and 17.3-17.31 GHz (Earth-to-space); and 12.207 GHz, 12.208 GHz, and 12.2 - 12.21 GHz (space-to-Earth).

Points of Communication:

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