



# 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-01948

Wednesday April 19, 2017

## 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-MFS-20170221-00188 E E080100 Row 44 Inc.

Modification

Class of Station: Other

Nature of Service: Fixed Satellite Service, Other

Row 44 Inc. (Row 44) requests modification of its earth station aboard aircraft (ESAA) authorization to add an additional type of remote antenna, the 0.63 meter QEST Global Satellite Antenna Assembly (GSAA), and to add new satellite points of communication. Specifically, Row 44 seeks to add the following satellites for communication with the GSAA remote antennas: (1) AMC-1 at 129.15° W.L. in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands; (2) AMC-2 at 84.85° W.L. in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands; (3) AMC-3 at 72.0° W.L. in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands; (4) AMC-9 at 83.0° W.L. in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands; (5) SES-1 at 101.0° W.L. in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands; (6) IS-29e at 50.0° W.L. in the 10.95-11.2 GHz, 11.2-11.45 GHz, 11.45-11.7 GHz, 11.7-12.2 GHz, 12.2-12.5 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands; and, (7) Eutelsat 115WB at 114.9° W.L. in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands. Row 44 requests to operate with AMC-3 and Intelsat 29e using its existing SAA/TECOM antennas. Row requests waiver of the U.S. Table of Allocations to allow operations of with IS-29e in the 12.2-12.5 GHz frequency band (space-to-Earth) on non-conforming, non-interference basis.

SITE ID: Remotes1

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

ANTENNA ID:	Remotes1	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: Remotes2

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

ANTENNA ID:	Remotes2	0.62 meters	TECOM	Ku-Stream
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14050.0000 - 14470.0000 MHz	1M60G7D	41.30 dBW	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
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	1M20G7D	42.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	2M04G7D	42.80 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	4M09G7D	42.80 dBW	QPSK OR OCTAL PSK
10950.0000 - 11200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
11200.0000 - 11450.0000 MHz	36M0G7D		QPSK OR OCTAL PSK

SITE ID: Remotes3

LOCATION: Operate up to 1000 ESAA terminals (.63m) CONUS, TERR., INTERNATIONAL WATERS

ANTENNA ID: Remotes3	0.63 meters	QEST	Q050000
14050.0000 - 14470.0000 MHz	4M09G7D	41.90 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	2M04G7D	41.90 dBW	QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	1M02G7D	41.90 dBW	QPSK OR OCTAL PSK
12200.0000 - 12500.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
11450.0000 - 11700.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
11200.0000 - 11450.0000 MHz	36M0G7D		QPSK OR OCTAL PSK

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10950.0000 - 11200.0000 MHz

36M0G7D

QPSK OR OCTAL PSK

**Points of Communication:**

Remotes1 - AMC 9 (S2434) - (83 W.L.)

Remotes1 - HORIZONS 1 - (127 WL)

Remotes1 - SES-1 - (101.0 W.L.)

Remotes2 - AMC 2 - (84.85)

Remotes2 - AMC 9 (S2434) - (83 W.L.)

Remotes2 - AMC-1(S2445) - (129.15)

Remotes2 - AMC-3 - (72 W.L.)

Remotes2 - E117 WA (S2873) - (116.8 W.L.)

Remotes2 - ESTRELA DO SUL 2 - (63 W.L.)

Remotes2 - EUTELSAT115WA(S2589) - (114.9 W.L.)

Remotes2 - EUTELSAT115WB(S2938) - (114.9 W.L.)

Remotes2 - HORIZONS 1 - (127 WL)

Remotes2 - INTELSAT 19 (S2850) - (166.0 E.L.)

Remotes2 - INTELSAT 29e (S2913) - (50.0 W.L.)

Remotes2 - SES-1 - (101.0 W.L.)

Remotes2 - SES-6 (S2870) - (40.5 W.L.)

Remotes2 - TELSTAR 11N (S2357) - (37.5 W.L.)

Remotes3 - AMC 2 - (84.85)

Remotes3 - AMC 9 (S2434) - (83 W.L.)

Remotes3 - AMC-1(S2445) - (129.15)

Remotes3 - AMC-3 - (72 W.L.)

Remotes3 - EUTELSAT115WB(S2938) - (114.9 W.L.)

Remotes3 - INTELSAT 29e (S2913) - (50.0 W.L.)

Remotes3 - SES-1 - (101.0 W.L.)

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**SES-MFS-20170319-00302** E E140087 Astronics AeroSat Corporation  
Modification

**Class of Station:** Other

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

Astronics AeroSat Corporation (Astronics AeroSat) requests modification of its earth station aboard aircraft (ESAA) blanket license to add the following points of communication: (1) AsiaSat-7 at 105.5° E.L. in the 12.25-12.75 GHz (space-to-Earth) and 14.0-4.5 GHz (Earth-to-space) frequency bands; (2) Galaxy 16 at 99° W.L. in the 11.7-12.2 GHz (space-to-Earth) and 14.0-4.5 GHz (Earth-to-space) frequency bands; (3) IS-33 at 60° E.L. in the 10.95-11.2 GHz, 11.45-12.2 GHz (space-to-Earth) and 14.0-4.5 GHz (Earth-to-space) frequency bands; (4) JCSAT-2B at 154° E.L. in the 11.45-11.7 GHz (space-to-Earth) and 14.0-4.5 GHz (Earth-to-space) frequency bands; and (5) Permitted List in the 14.0-14.5 GHz (Earth-to-space) and in the 10.95-11.2 GHz and 11.45-12.2 GHz (space-to-Earth) frequency bands. Astronics AeroSat requests waiver of the U.S. Table of Allocations to allow operations with IS-33 in the 12.5-12.6 GHz (space-to-Earth) frequency band and AsiaSat-7 in the 12.5-12.75 GHz (space-to-Earth) on a non-interference basis.

SITE ID: AES1  
 LOCATION: Operate up to 1000 ESAA terminals .24 m CONUS AND OCONUS

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
	14000.0000 - 14500.0000 MHz	7M20G7D	44.88 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	7M92G7D	43.99 dBW	Digital Data Services
	14000.0000 - 14500.0000 MHz	8M00G7D	45.17 dBW	Digital Data Services
	10700.0000 - 12750.0000 MHz	27M6G7D		Digital Data Services
	10950.0000 - 11200.0000 MHz	54M0G7D		Digital Data Services

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10950.0000 - 11700.0000 MHz	54M0G7D		Digital Data Services
10950.0000 - 12200.0000 MHz	46M5G7D		Digital Data Services
10950.0000 - 12500.0000 MHz	54M0G7D		Digital Data Services
11450.0000 - 11700.0000 MHz	36M0G7D		Digital Data Services
11450.0000 - 12200.0000 MHz	54M0G7D		Digital Data Services
11450.0000 - 12750.0000 MHz	8M00G7D		Digital Data Services
11700.0000 - 12200.0000 MHz	28M6G7D		Digital Data Services
11700.0000 - 12200.0000 MHz	36M0G7D		Digital Data Services
11700.0000 - 12200.0000 MHz	8M00G7D		Digital Data Services
12200.0000 - 12750.0000 MHz	27M0G7D		Digital Data Services
12250.0000 - 12750.0000 MHz	27M0G7D		Digital Data Services
12500.0000 - 12750.0000 MHz	2M00G7D		Digital Data Services
12500.0000 - 12750.0000 MHz	36M0G7D		Digital Data Services
12500.0000 - 12750.0000 MHz	54M0G7D		Digital Data Services
12500.0000 - 12750.0000 MHz	5M50G7D		Digital Data Services
14000.0000 - 14500.0000 MHz	5M40G7D	44.93 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	6M00G7D	45.18 dBW	Digital Data Services
12500.0000 - 12750.0000 MHz	8M10G7D		Digital Data Services
14000.0000 - 14500.0000 MHz	4M80G7D	45.09 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	9M00G7D	45.14 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	48M6G7D		Digital Data Services
11450.0000 - 11700.0000 MHz	17M5G7D		Digital Data Services
11450.0000 - 12200.0000 MHz	48M6G7D		Digital Data Services
11450.0000 - 12200.0000 MHz	54M0G7D		Digital Data Services
12250.0000 - 12750.0000 MHz	54M0G7D		Digital Data Services
12500.0000 - 12600.0000 MHz	48M6G7D		Digital Data Services

12500.0000 - 12600.0000 MHz	54M0G7D		Digital Data Services
SITE ID: AES2			
LOCATION: Operate up to 1000 ESAA terminals .29m CONUS AND OCONUS			
ANTENNA ID: AES2	0.29 meters	ASTRONICS AEROSAT	HR129
14000.0000 - 14500.0000 MHz	8M00G7D	41.90 dBW	Digital Data Services
10700.0000 - 12750.0000 MHz	36M0G7D		Digital Data Services
10950.0000 - 11200.0000 MHz	16M5G7D		Digital Data Services
10950.0000 - 11200.0000 MHz	23M8G7D		Digital Data Services
10950.0000 - 11200.0000 MHz	24M0G7D		Digital Data Services
10950.0000 - 11200.0000 MHz	36M0G7D		Digital Data Services
10950.0000 - 11200.0000 MHz	5M25G7D		Digital Data Services
10950.0000 - 11200.0000 MHz	9M28G7D		Digital Data Services
10950.0000 - 11700.0000 MHz	18M0G7D		Digital Data Services
10950.0000 - 11700.0000 MHz	31M2G7D		Digital Data Services
10950.0000 - 11700.0000 MHz	54M0G7D		Digital Data Services
10950.0000 - 12200.0000 MHz	54M0G7D		Digital Data Services
10950.0000 - 12500.0000 MHz	54M0G7D		Digital Data Services
11450.0000 - 11700.0000 MHz	18M0G7D		Digital Data Services
11450.0000 - 11700.0000 MHz	23M8G7D		Digital Data Services
11450.0000 - 11700.0000 MHz	24M0G7D		Digital Data Services
11450.0000 - 11700.0000 MHz	31M3G7D		Digital Data Services
11450.0000 - 11700.0000 MHz	36M0G7D		Digital Data Services
11450.0000 - 11700.0000 MHz	5M25G7D		Digital Data Services
11450.0000 - 11700.0000 MHz	9M28G7D		Digital Data Services
11450.0000 - 12200.0000 MHz	24M0G7D		Digital Data Services
11450.0000 - 12750.0000 MHz	24M0G7D		Digital Data Services

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11700.0000 - 12200.0000 MHz	36M0G7D		Digital Data Services
12200.0000 - 12750.0000 MHz	18M0G7D		Digital Data Services
12200.0000 - 12750.0000 MHz	23M8G7D		Digital Data Services
12200.0000 - 12750.0000 MHz	27M0G7D		Digital Data Services
12200.0000 - 12750.0000 MHz	5M25G7D		Digital Data Services
12200.0000 - 12750.0000 MHz	9M28G7D		Digital Data Services
12250.0000 - 12750.0000 MHz	16M0G7D		Digital Data Services
12250.0000 - 12750.0000 MHz	16M5G7D		Digital Data Services
12250.0000 - 12750.0000 MHz	36M0G7D		Digital Data Services
12500.0000 - 12750.0000 MHz	20M0G7D		Digital Data Services
12500.0000 - 12750.0000 MHz	36M0G7D		Digital Data Services
12500.0000 - 12750.0000 MHz	36M0G7D		Digital Data Services
12500.0000 - 12750.0000 MHz	54M0G7D		Digital Data Services
14000.0000 - 14500.0000 MHz	4M92G7D	36.81 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	8M00G7D	42.50 dBW	Digital Data Services
14000.0000 - 14500.0000 MHz	9M00G7D	41.55 dBW	Digital Data Services
10950.0000 - 11200.0000 MHz	2M94G7D		Digital Data Services
10950.0000 - 11200.0000 MHz	48M6G7D		Digital Data Services
10950.0000 - 11200.0000 MHz	54M0G7D		Digital Data Services
11450.0000 - 11700.0000 MHz	17M5G7D		Digital Data Services
11450.0000 - 12200.0000 MHz	2M94G7D		Digital Data Services
11450.0000 - 12200.0000 MHz	48M6G7D		Digital Data Services
12250.0000 - 12750.0000 MHz	54M0G7D		Digital Data Services
12500.0000 - 12600.0000 MHz	48M6G7D		Digital Data Services
12500.0000 - 12600.0000 MHz	54M0G7D		Digital Data Services

**Points of Communication:**

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AES1 - ANIK G1 - (107.3 W.L.)

AES1 - APSTAR 6 - (226 W.L.)

AES1 - Apstar 7 - (76.5 E.L.)

AES1 - AsiaSat 5 - (100.5E)

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

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

AES1 - ESTRELA DO SUL 2 - (63 W.L.)

AES1 - Eutelsat 10A (W2A) - (10.0 E.L.)

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

AES1 - Eutelsat 70B - (70.5 E.L.)

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

AES1 - GALAXY 16 - (99 W.L.)

AES1 - GALAXY 3C (S2381) - (95.05 W.L.)

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

AES1 - INTELSAT 15 (S2789) - (85.15 E.L.)

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

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

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

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

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

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

AES1 - NSS-6 - (95 E.L.)

AES1 - PERMITTED LIST - ()

AES1 - SUPERBIRD C2 (S2639) - (144 E.L.)

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

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

AES1 - Yamal 300K - (183 E.L.)

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

AES2 - ANIK G1 - (107.3 W.L.)



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AES2 - APSTAR 6 - (226 W.L.)

AES2 - Apstar 7 - (76.5 E.L.)

AES2 - AsiaSat 5 - (100.5E)

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

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

AES2 - Eutelsat 10A (W2A) - (10.0 E.L.)

AES2 - EUTELSAT 172A(S2610) - (172 E. L.)

AES2 - Eutelsat 70B - (70.5 E.L.)

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

AES2 - GALAXY 16 - (99 W.L.)

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

AES2 - INTELSAT 15 (S2789) - (85.15 E.L.)

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

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

AES2 - JCSAT 5A - (132 E.L.)

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

AES2 - NSS-6 - (95 E.L.)

AES2 - PERMITTED LIST - ()

AES2 - SUPERBIRD C2 (S2639) - (144 E.L.)

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

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

AES2 - Yamal 300K - (183 E.L.)

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

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**SES-MOD-20161125-00911**    E E080048    Centro Cristiano Vida Abundante, Inc.

Application for Modification

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**     Fixed Satellite Service

Centro Cristiano Vida Abundante, Inc. requests modification of its fixed earth station in Santa Maria, CA to change its coordinates from 34° 57' 9" N, 120° 26' 6.3" W to 34° 57' 36.1" N and 120° 26' 6.3" W. The earth station will continue to operate 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.

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SITE ID: 1  
LOCATION: 121 West Albine, Santa Barbara, Santa Maria, CA  
34 ° 57 ' 36.10 " N LAT. 120 ° 26 ' 6.30 " W LONG.

ANTENNA ID: 1 2.4 meters Prodelin 1251  
14000.0000 - 14500.0000 MHz 36M0G7F 62.60 dBW QPSK--digital video and audio

**Points of Communication:**

1 - PERMITTED LIST - ()

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