



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01881

Wednesday August 31, 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-LIC-20160712-00644 E E160132 UltiSat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Oahu

LOCATION: UltiSat NOC, Honolulu, Oahu, HI

21 ° 31 ' 22.10 " N LAT.

157 ° 59 ' 43.20 " W LONG.

ANTENNA ID:	2.4m	2.4 meters	Prodelin	1251
	3700.0000 - 4200.0000 MHz		100KG7D	Digital Data Carrier
	3700.0000 - 4200.0000 MHz		87K0G7D	Digital Data Carrier
	5925.0000 - 5988.0000 MHz		87K0G7D	45.37 dBW Digital data carrier
	6028.0000 - 6047.0000 MHz		87K0G7D	45.37 dBW Digital Data Carrier
	6120.0000 - 6126.0000 MHz		87K0G7D	45.37 dBW Digital Data Carrier
	6179.0000 - 6366.0000 MHz		87K0G7D	45.37 dBW Digital Data Carrier
	6399.0000 - 6425.0000 MHz		87K0G7D	45.37 dBW Digital Data Carrier
	5925.0000 - 5988.0000 MHz		100KG7D	45.97 dBW Digital Data Carrier
	6028.0000 - 6047.0000 MHz		100KG7D	45.97 dBW Digital Data Carrier

6120.0000 - 6126.0000 MHz	100KG7D	45.97 dBW	Digital Data Carrier
6179.0000 - 6366.0000 MHz	100KG7D	45.97 dBW	Digital Data Carrier
6399.0000 - 6425.0000 MHz	100KG7D	45.97 dBW	Digital Data Carrier

Points of Communication:

Oahu - NSS 9 (S2756) - (177 W.L.)

SES-LIC-20160714-00662 E E160137 SES Government Solutions, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 8000 Gainsford Ct, Prince William, Bristow, VA
38 ° 47 ' 0.25 " N LAT.

77 ° 34 ' 24.50 " W LONG.

ANTENNA ID:	Ant 1-2	1.8 meters	GD/Prodelin	GDST-1.8M
	28172.0000 - 28388.0000 MHz	216MG7D	68.80 dBW	Digital Data
	18372.0000 - 18588.0000 MHz	216MG7D	0.00 dBW	Digital Data
	18372.0000 - 18588.0000 MHz	1M00G7D	0.00 dBW	Digital Data
	28172.0000 - 28388.0000 MHz	1M00G7D	48.60 dBW	Digital Data
	17852.0000 - 18068.0000 MHz	1M00G7D	0.00 dBW	Digital Data
	17852.0000 - 18068.0000 MHz	216MG7D	0.00 dBW	Digital Data
	18112.0000 - 18328.0000 MHz	1M00G7D	0.00 dBW	Digital Data
	18112.0000 - 18328.0000 MHz	216MG7D	0.00 dBW	Digital Data
	18801.0000 - 19017.0000 MHz	1M00G7D	0.00 dBW	Digital Data
	18801.0000 - 19017.0000 MHz	216MG7D	0.00 dBW	Digital Data
	19055.0000 - 19271.0000 MHz	1M00G7D	0.00 dBW	Digital Data
	19055.0000 - 19271.0000 MHz	216MG7D	0.00 dBW	Digital Data
	27652.0000 - 27868.0000 MHz	1M00G7D	48.60 dBW	Digital Data
	27652.0000 - 27868.0000 MHz	216MG7D	68.80 dBW	Digital Data
	27912.0000 - 28128.0000 MHz	1M00G7D	48.60 dBW	Digital Data

27912.0000 - 28128.0000 MHz	216MG7D	68.80 dBW	Digital Data
28601.0000 - 28817.0000 MHz	1M00G7D	48.60 dBW	Digital Data
28601.0000 - 28817.0000 MHz	216MG7D	68.80 dBW	Digital Data
28855.0000 - 29071.0000 MHz	1M00G7D	48.60 dBW	Digital Data
28855.0000 - 29071.0000 MHz	216MG7D	68.80 dBW	Digital Data

Points of Communication:

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

SES-LIC-20160804-00720 E E160140 Satelites Mexicanos, S.A. de C.V.

Application for Authority

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

SITE ID: Remote1

LOCATION: 0.75M. VSAT (15000 UNITS), CONUS, AK,HI,PR,PI

ANTENNA ID: RemSW75cm	0.75 meters	Starwin	SW75
14000.0000 - 14500.0000 MHz	8M00G7D	35.00 dBW	PSK, Data
14000.0000 - 14500.0000 MHz	2M00G7D	35.00 dBW	PSK, Data
14000.0000 - 14500.0000 MHz	4M00G7D	35.00 dBW	PSK, Data
11700.0000 - 12200.0000 MHz	10M0G7D	0.00 dBW	QPSK, Data

SITE ID: Remote2

LOCATION: 0.74M. VSAT (15000 UNITS), CONUS, AK,HI,PR,PI

ANTENNA ID: Remote74cm	0.74 meters	Winegard	DS74
14000.0000 - 14500.0000 MHz	8M00G7D	35.30 dBW	PSK, Data
14000.0000 - 14500.0000 MHz	2M00G7D	35.30 dBW	PSK, Data
14000.0000 - 14500.0000 MHz	4M00G7D	35.30 dBW	PSK, Data
11700.0000 - 12200.0000 MHz	10M0G7D	0.00 dBW	QPSK, Data

SITE ID: Remote3

LOCATION: 0.75M. VSAT (15000 UNITS), CONUS, AK,HI,PR,PI

ANTENNA ID: Remote75cm	0.75 meters	Sinuta	VSAT75
14000.0000 - 14500.0000 MHz	8M00G7D	36.30 dBW	PSK, Data

14000.0000 - 14500.0000 MHz	2M00G7D	36.30 dBW	PSK, Data
14000.0000 - 14500.0000 MHz	4M00G7D	36.30 dBW	PSK, Data
11700.0000 - 12200.0000 MHz	10M0G7D	0.00 dBW	QPSK, Data

Points of Communication:

Remote1 - PERMITTED LIST - ()

Remote2 - PERMITTED LIST - ()

Remote3 - PERMITTED LIST - ()

SES-LIC-20160826-00743 E E160143 WLBT License Subsidiary, LLC **EZ**

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Transportable Ku-Band

ANTENNA ID: 1	1.4 meters	AVL Technologies	1410K
14000.0000 - 14500.0000 MHz	36M0G7W	65.47 dBW	Compressed Digital Video and Audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20160107-00026 E E100051 Ligado Networks Subsidiary LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Mobile Satellite Service

Ligado Networks Subsidiary LLC requests modification of an earth station license used in connection with operation of its satellites to: (1) add a new remote earth station, to be located at Carlsbad, CA, Site ID SCMS 9; and (2) increase the maximum EIRP density specified for the remote earth station located at Cedar Hill, TX, Site ID SCMS 8. Both stations will operate with the SkyTerra-1 satellite at the 101.3° orbital location, with the MSAT-1 satellite at the 107.5° orbital location, and with the MSAT-2 satellite at the 101.5° orbital location in the 1626.5-1660.5 MHz (Earth-to-space) and 1525-1559 MHz (space-to-Earth) frequency bands.

SITE ID: SCMS 2

LOCATION: 3877 University Drive, Anchorage Borough, Anchorage, AK
61 ° 11 ' 26.00 " N LAT. 149 ° 48 ' 30.00 " W LONG.

ANTENNA ID: M2	0.76 meters	Westinghouse	AU-10FS
1626.5000 - 1660.5000 MHz	5K00G9W	16.50 dBW	4800 bps QPSK data carrier
1626.5000 - 1660.5000 MHz	N0N	16.50 dBW	Unmodulated signal
1525.0000 - 1559.0000 MHz	5K00G9W	0.00 dBW	4800 bps QPSK data carrier

SITE ID: SCMS 4
LOCATION: 10802 Parkridge Boulevard, Fairfax, Reston, VA
38 ° 56 ' 42.00 " N LAT. 77 ° 19 ' 9.00 " W LONG.

ANTENNA ID:	M4	0.76 meters	Westinghouse	AU-10FS
	1626.5000 - 1660.5000 MHz	N0N	16.50 dBW	Unmodulated signal
	1626.5000 - 1660.5000 MHz	5K00G9W	16.50 dBW	4800 bps QPSK data carrier
	1525.0000 - 1559.0000 MHz	5K00G9W	0.00 dBW	4800 bps QPSK data carrier

SITE ID: SCMS 5
LOCATION: AVE. 167 KM. 18.9, 0, BAYAMON, PR
18 ° 22 ' 7.80 " N LAT. 66 ° 11 ' 1.37 " W LONG.

ANTENNA ID:	M5	0.76 meters	WESTINGHOUSE	AU-10FS
	1626.5000 - 1660.5000 MHz	N0N	16.50 dBW	UNMODULATED SIGNAL
	1626.5000 - 1660.5000 MHz	5K00G9W	16.50 dBW	4800 BPS QPSK DATA CARRIER
	1525.0000 - 1559.0000 MHz	5K00G9W		4800 BPS QPSK DATA CARRIER

SITE ID: SCMS 6
LOCATION: 4600 AIR WAY, SAN DIEGO, SAN DIEGO, CA
32 ° 43 ' 10.42 " N LAT. 117 ° 5 ' 42.53 " W LONG.

ANTENNA ID:	M6	0.76 meters	WESTINGHOUSE	AU-10FS
	1626.5000 - 1660.5000 MHz	N0N	16.50 dBW	UNMODULATED SIGNAL
	1525.0000 - 1559.0000 MHz	5K00G9W		4800 BPS QPSK DATA CARRIER
	1626.5000 - 1660.5000 MHz	5K00G9W	16.50 dBW	4800 BPS QPSK DATA CARRIER

SITE ID: SCMS 8
LOCATION: 777 WESTAR LANE, Dallas, CEDAR HILL, TX
32 ° 34 ' 43.30 " N LAT. 96 ° 59 ' 0.10 " W LONG.

ANTENNA ID:	M8	0.84 meters	Mitsubishi	AU601B
	1525.0000 - 1559.0000 MHz	5K00G9W	0.00 dBW	4800 bps QPSK data carrier
	1626.5000 - 1660.5000 MHz	N0N	16.50 dBW	UNMODULATED SIGNAL
	1626.5000 - 1660.5000 MHz	5K00G9W	16.50 dBW	4800 BPS QPSK DATA CARRIER

SITE ID: SCMS 9
LOCATION: 6155 EL CAMINO REAL, SAN DIEGO, CARLSBAD, CA
33 ° 7 ' 36.00 " N LAT. 117 ° 16 ' 5.00 " W LONG.

ANTENNA ID:	M9	0.84 meters	mitsubishi	AU601B
	1626.5000 - 1600.5000 MHz	N0N	16.50 dBW	UNMODULATED SIGNAL
	1626.5000 - 1660.5000 MHz	5K00G9W	16.50 dBW	4800 BPS QPSK CARRIER
	1525.0000 - 1559.0000 MHz	5K00G9W		4800 BPS QPSK DATA CARRIER

Points of Communication:

- SCMS 2 - MSAT-1 - (107.5)
- SCMS 2 - MSAT-2 (AMSC-1) - (103.3 W.L.)
- SCMS 2 - SKYTERRA 1 - (101.3 W.L.)
- SCMS 4 - MSAT-1 - (107.5)
- SCMS 4 - MSAT-2 (AMSC-1) - (103.3 W.L.)
- SCMS 4 - SKYTERRA 1 - (101.3 W.L.)
- SCMS 5 - MSAT-1 - (107.5)
- SCMS 5 - MSAT-2 (AMSC-1) - (103.3 W.L.)
- SCMS 5 - SKYTERRA 1 - (101.3 W.L.)
- SCMS 6 - MSAT-1 - (107.5)
- SCMS 6 - MSAT-2 (AMSC-1) - (103.3 W.L.)
- SCMS 6 - SKYTERRA 1 - (101.3 W.L.)
- SCMS 8 - MSAT-1 - (107.5)
- SCMS 8 - MSAT-2 (AMSC-1) - (103.3 W.L.)
- SCMS 8 - SKYTERRA 1 - (101.3 W.L.)
- SCMS 9 - MSAT-1 - (107.5)
- SCMS 9 - MSAT-2 (AMSC-1) - (103.3 W.L.)
- SCMS 9 - SKYTERRA 1 - (101.3 W.L.)

SES-MOD-20160823-00734 E E090001 KVH Industries, Inc.

Application for Modification

Class of Station: Earth Stations on-board Vessels/VSAT

Nature of Service: Earth Stations on-board Vessels

KVH Industries, Inc. requests modification of its ESV license to add emission designator "1M80G7D" to Antenna ID "ESV1" to operate with Permitted List satellites in the 14.0-14.5 GHz (Earth-to-space), 10.95-11.2 GHz (space-to-Earth), 11.45-11.7 GHz (space-to-Earth) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

SITE ID: ESV NET3
LOCATION: (MOBILE 1.0METER) (250 UNITS), CONUS, HI, AK USTERR

ANTENNA ID:	ESV3	1 meters	MELCO	KU-MATE(SX-5300)
	14000.0000 - 14500.0000 MHz	36M0G7D	49.00 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
	14000.0000 - 14500.0000 MHz	27M0G7D	49.00 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
	14000.0000 - 14500.0000 MHz	18M0G7D	49.00 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
	11700.0000 - 12200.0000 MHz	36M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
	11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
	11700.0000 - 12200.0000 MHz	18M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
	11450.0000 - 11700.0000 MHz	36M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
	11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
	11450.0000 - 11700.0000 MHz	18M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
	10950.0000 - 11200.0000 MHz	36M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
	10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
	10950.0000 - 11200.0000 MHz	18M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE

SITE ID: ESV NET1
LOCATION: (MOBILE 0.6METER) 3500 UNITS, CARIBBEAN AND COASTAL AREA, CONUS, GM

ANTENNA ID:	ESV1	0.6 meters	KVH INDUSTRIES, INC.	TRACPHONE V7
	14000.0000 - 14500.0000 MHz	36M0G7D	42.40 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
	14000.0000 - 14500.0000 MHz	18M0G7D	42.40 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
	14000.0000 - 14500.0000 MHz	27M0G7D	42.40 dBW	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11700.0000 - 12200.0000 MHz	36M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11700.0000 - 12200.0000 MHz	18M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	14000.0000 - 14500.0000 MHz	1M80G7D	41.15 dBW	DATA SERVICES
	11700.0000 - 12200.0000 MHz	1M80G7D		DATA SERVICES
	11450.0000 - 11700.0000 MHz	1M80G7D		DATA SERVICES
	10950.0000 - 11200.0000 MHz	1M80G7D		DATA SERVICES

SITE ID: ESV NET2
LOCATION: (MOBILE 0.37METER) 50 ENTERPRISE CENTER, VARIOUS (1000 UNITS)

ANTENNA ID:	ESV2	0.37 meters	KVH INDUSTRIES, INC.	TRACPHONE V3
	14000.0000 - 14500.0000 MHz	36M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.

14000.0000 - 14500.0000 MHz	27M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	18M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	36M0G7D		DATA SERVICES
11700.0000 - 12200.0000 MHz	18M0G7D		DATA SERVICES
11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES

SITE ID: ESV NET4
LOCATION: (MOBILE 1.0METER) 50 ENTERPRISE CENTER, VARIOUS (500 UNITS)

ANTENNA ID: ESV4 1 meters KVH INDUSTRIES TRACPHONE V11

14000.0000 - 14500.0000 MHz	27M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	36M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	18M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
11700.0000 - 12200.0000 MHz	36M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES

11700.0000 - 12200.0000 MHz	27M0G7D	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	18M0G7D	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11450.0000 - 11700.0000 MHz	27M0G7D	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
10950.0000 - 11200.0000 MHz	27M0G7D	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES

Points of Communication:

ESV NET1 - EUTELSAT 172A(S2610) - (172 E. L.)

ESV NET1 - PERMITTED LIST - ()

ESV NET2 - EUTELSAT 172A(S2610) - (172 E. L.)

ESV NET2 - PERMITTED LIST - ()

ESV NET3 - EUTELSAT 172A(S2610) - (172 E. L.)

ESV NET3 - TELSTAR 11N (S2357) - (37.5 W.L.)

ESV NET4 - EUTELSAT 172A(S2610) - (172 E. L.)

ESV NET4 - TELSTAR 11N (S2357) - (37.5 W.L.)

SES-T/C-20160729-00703 E E010171 Orion Arm Holding Co., LLC

Application for Consent to Transfer of Control

Current Licensee: STARZ ENTERTAINMENT, LLC

FROM: STARZ

TO: Orion Arm Holding Co., LLC

No. of Station(s) listed: 2

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