



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01783

Wednesday September 23, 2015

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-20150831-00560 E E150009 The Boeing Company
Amendment
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

See IBFS File No. SES-MOD-20150805-00505 for a description of application, as amended.

SITE ID: 1
LOCATION: 8998 Tyndall Rd L3, Grant, Moses Lake, WA
47 ° 12 ' 1.10 " N LAT. 119 ° 18 ' 0.50 " W LONG.

ANTENNA ID:	1	3.8 meters	Viking	NAV 3.8
	14000.0000 - 14500.0000 MHz	32M4G7D	73.00 dBW	Angle-modulated, phase modulation; Data
	14000.0000 - 14500.0000 MHz	29M5G7D	73.00 dBW	Angle-modulated, phase modulation; Data
	14000.0000 - 14500.0000 MHz	24M3G7D	73.00 dBW	Angle-modulated, phase modulation; Data
	14000.0000 - 14500.0000 MHz	20M0G7D	73.00 dBW	Angle-modulated, phase modulation; Data
	14000.0000 - 14500.0000 MHz	11M9G7D	73.00 dBW	Angle-modulated, phase modulation; Data
	14000.0000 - 14500.0000 MHz	6M75G7D	73.00 dBW	Angle-modulated, phase modulation; Data

14000.0000 - 14500.0000 MHz	3M40G7D	73.00 dBW	Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz	32M4G7D		Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz	29M5G7D		Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz	24M3G7D		Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz	20M0G7D		Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz	11M9G7D		Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz	6M75G7D		Angle-modulated, phase modulation; Data
11700.0000 - 12200.0000 MHz	3M40G7D		Angle-modulated, phase modulation; Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-AMD-20150910-00577 E E150028 Inmarsat Mobile Networks, Inc.

Amendment

Class of Station: Other

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-LIC-20150402-00188 for a description of application, as amended.

SITE ID: Remote 1

LOCATION: 6211 Glen Circle (1M, 4000 UNITS), Lino Lakes, MN

ANTENNA ID: Remote 1	1 meters	Cobham-Sea Tel	4012GX
29500.0000 - 30000.0000 MHz	6M96G7W	54.10 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	600KG7W	46.50 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	54.10 dBW	Modulation and Services Digital Data Signaling
29500.0000 - 30000.0000 MHz	2M30G1W	54.10 dBW	Modulation and Services Digital Data Signaling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: Remote 2
LOCATION: 6211 Glen Circle (.65M, 4000 UNITS), Lino Lakes, MN

ANTENNA ID:	Remote 2	0.65 meters	Cobham-Sea Tel	GX60
	29500.0000 - 30000.0000 MHz	6M96G7W	50.30 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz	600KG7W	43.30 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz	5M00G1W	50.30 dBW	Modulation and Services Digital Data Signaling
	29500.0000 - 30000.0000 MHz	2M70G1W	50.30 dBW	Modulation and Services Digital Data Signaling
	19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: Remote 3
LOCATION: 6211 Glen Circle (1.03M, 4000 UNITS), Lino Lakes, MN

ANTENNA ID:	Remote 3	1.03 meters	Cobham SatCom	Sailor 100 GX
	29500.0000 - 30000.0000 MHz	6M96G7W	54.50 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz	600KG7W	47.80 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW	Modulation and Services Digital Data Signaling
	29500.0000 - 30000.0000 MHz	2M70G1W	54.30 dBW	Modulation and Services Digital Data Signaling
	19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: Remote 4
LOCATION: 6211 Glen Circle (.65M, 4000 UNITS), Lino Lakes, MN

ANTENNA ID:	Remote 4	0.65 meters	JRC	JUE-60GX
	29500.0000 - 30000.0000 MHz	6M96G7W	50.90 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz	600KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
	29500.0000 - 30000.0000 MHz	5M00G1W	50.90 dBW	Modulation and Services Digital Data Signaling

29500.0000 - 30000.0000 MHz	2M70G1W	50.50 dBW	Modulation and Services Digital Data Signaling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: Remote 5
LOCATION: 6211 Glen Circle (1.03M 4000 UNITS), Lino Lakes, MN

ANTENNA ID: Remote 5	1.03 meters	Intellian	GX100
29500.0000 - 30000.0000 MHz	6M96G7W	54.50 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	600KG7W	47.80 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW	Modulation and Services Digital Data Signaling
29500.0000 - 30000.0000 MHz	1M79G1W	54.60 dBW	Modulation and Services Digital Data Signaling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: Remote 6
LOCATION: 6211 Glen Circle (.65M, 4000 UNITS), Lino Lakes, MN

ANTENNA ID: Remote 6	0.65 meters	Intellian	GX60
29500.0000 - 30000.0000 MHz	6M96G7W	50.90 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	492KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	5M00G1W	50.90 dBW	Modulation and Services Digital Data Signaling
29500.0000 - 30000.0000 MHz	2M20G1W	50.50 dBW	Modulation and Services Digital Data Signaling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link

Points of Communication:

- Remote 1 - INMARSAT 5F3 - (179.6 W.L.)
- Remote 2 - INMARSAT 5F3 - (179.6 W.L.)
- Remote 3 - OTHER -
- Remote 4 - OTHER -

Remote 5 - OTHER -

Remote 6 - OTHER -

SES-AMD-20150911-00578 E E990402 Globecomm License Sub LLC

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-MOD-20150626-00427 for a description of application, as amended.

SITE ID: 1

LOCATION: 45 OSER AVENUE, SUFFOLK, HAUPPAUGE, NY

40 ° 48 ' 54.10 " N LAT.

73 ° 14 ' 17.80 " W LONG.

ANTENNA ID:	AOT-10	9.3 meters	VERTEX	9.3 KPK
	14000.0000 - 14500.0000 MHz	36M0G7W	85.70 dBW	DIGITAL DATA/VIDEO, QPSK FEC 3/4 45,000 KBPS
	14000.0000 - 14500.0000 MHz	222KG7D	64.20 dBW	DIGITAL DATA, QPSK FEC 3/4 & REED SOLOMON 188/204, 256 KBPS
	13874.0000 - 13910.0000 MHz	15M4G7D	72.50 dBW	DIGITAL DATA, 16QAM, FEC 7/8, 45,000 KBPS
	13874.0000 - 13910.0000 MHz	18M0G7D	72.50 dBW	DIGITAL DATA, 16QAM, FEC 7/8, 45,000 KBPS
	13834.0000 - 13870.0000 MHz	15M4G7D	72.50 dBW	DIGITAL DATA, 16QAM, FEC 7/8, 45,000 KBPS
	13834.0000 - 13870.0000 MHz	18M0G7D	72.50 dBW	DIGITAL DATA, 16QAM, FEC 7/8, 45,000 KBPS
	13794.0000 - 13830.0000 MHz	15M4G7D	72.50 dBW	DIGITAL DATA, 16QAM, FEC 7/8, 45,000 KBPS
	13794.0000 - 13830.0000 MHz	18M0G7D	72.50 dBW	DIGITAL DATA, 16QAM, FEC 7/8, 45,000 KBPS
	13754.0000 - 13790.0000 MHz	15M4G7D	72.50 dBW	DIGITAL DATA, 16QAM, FEC 7/8, 45,000 KBPS
	13754.0000 - 13790.0000 MHz	18M0G7D	72.50 dBW	DIGITAL DATA, 16QAM, FEC 7/8, 45,000 KBPS
	13750.0000 - 14000.0000 MHz	3M00G2D	64.60 dBW	DIGITAL DATA
	13750.0000 - 14000.0000 MHz	615KG2D	57.90 dBW	DIGITAL DATA
	11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA/VIDEO, QPSK FEC 3/4 45,000 KBPS

11700.0000 - 12200.0000 MHz	222KG7D		DIGITAL DATA, QPSK FEC 3/4 & REED SOLOMON 188/204, 256 KBPS
11700.0000 - 12200.0000 MHz	615KG2D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	3M00G2D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	15M4G7D		DIGITAL DATA, 16QAM, FEC 7/8, 45,000 KBPS
11700.0000 - 12200.0000 MHz	18M0G7D		DIGITAL DATA, 16QAM, FEC 7/8, 45,000 KBPS
ANTENNA ID: AOT-7	9.3 meters	VERTEX CORPORATION	9.3 KPK
14000.0000 - 14500.0000 MHz	222KG7D	64.20 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0G7W	86.30 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13780.0000 - 14000.0000 MHz	36M0G7W	84.80 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 14000.0000 MHz	30M0G7W	75.90 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 13700.0000 MHz	600KG7W	68.50 dBW	DIGITAL VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	15M4G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	18M0G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	222KG7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	3M00G2D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	615KG2D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO, AND DATA
13780.0000 - 14000.0000 MHz	600KG7W	68.50 dBW	DIGITAL VIDEO, AUDIO, AND DATA

Points of Communication:

1 - EUTELSAT AB-2(S2596) - (8.0 W.L.)

1 - PERMITTED LIST - ()

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

SES-AMD-20150915-00594 E E150082 HNS License Sub, LLC
Amendment
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

This amendment corrects the site latitude and longitude for this earth station. See IBFS File No. SES-LIC-20150604-00338.

SITE ID: 1
LOCATION: 4202 Coleman, Burleigh, Bismarck, ND
48 ° 51 ' 5.70 " N LAT. 100 ° 46 ' 48.70 " W LONG.

ANTENNA ID:	1	8.1 meters	ASC Signal	Ka 8.1m
29250.0000 - 30000.0000 MHz		250MG7D	88.30 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz		89M8G7W	88.30 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz		100KG7W	58.80 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz		89M8G7W	88.30 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz		250MG7D	88.30 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz		100KG7W	58.80 dBW	M-ary PSK Outroute
19700.0000 - 20200.0000 MHz		250MG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz		100KG7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 19300.0000 MHz		250MG7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 19300.0000 MHz		100KG7W	0.00 dBW	M-ary PSK Inroute

Points of Communication:

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

SES-LIC-20150402-00188 E E150028 Inmarsat Mobile Networks, Inc.
Application for Authority
Class of Station: Other

Nature of Service: Fixed Satellite Service

Inmarsat Mobile Networks, Inc. requests blanket authority to operate earth stations mounted on maritime vessels with the Inmarsat 5F3 satellite at the 179.6° W.L. orbital location in the 29.5-30.0 GHz (Earth-to-space) and 19.7-20.2 GHz (space-to-Earth) frequency bands

SITE ID: Remote 1
LOCATION: 6211 Glen Circle (1M, 4000 UNITS), Lino Lakes, MN

ANTENNA ID:	Remote 1	1 meters	Cobham-Sea Tel	4012GX
29500.0000 - 30000.0000 MHz		2M30G1W	54.10 dBW	Modulation and Services Digital Data Signaling
29500.0000 - 30000.0000 MHz		5M00G1W	54.10 dBW	Modulation and Services Digital Data Signaling

19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	600KG7W	46.50 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	6M96G7W	54.10 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: Remote 2
LOCATION: 6211 Glen Circle (.65M, 4000 UNITS), Lino Lakes, MN

ANTENNA ID: Remote 2	0.65 meters	Cobham-Sea Tel	GX60
29500.0000 - 30000.0000 MHz	2M70G1W	50.30 dBW	Modulation and Services Digital Data Signaling
29500.0000 - 30000.0000 MHz	5M00G1W	50.30 dBW	Modulation and Services Digital Data Signaling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	600KG7W	43.30 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	6M96G7W	50.30 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: Remote 3
LOCATION: 6211 Glen Circle (1.03M, 4000 UNITS), Lino Lakes, MN

ANTENNA ID: Remote 3	1.03 meters	Cobham SatCom	Sailor 100 GX
29500.0000 - 30000.0000 MHz	2M70G1W	54.30 dBW	Modulation and Services Digital Data Signaling
29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW	Modulation and Services Digital Data Signaling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	600KG7W	47.80 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	6M96G7W	54.50 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: Remote 4
LOCATION: 6211 Glen Circle (.65M, 4000 UNITS), Lino Lakes, MN

ANTENNA ID: Remote 4	0.65 meters	JRC	JUE-60GX
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29500.0000 - 30000.0000 MHz	2M70G1W	50.50 dBW	Modulation and Services Digital Data Signaling
29500.0000 - 30000.0000 MHz	5M00G1W	50.90 dBW	Modulation and Services Digital Data Signaling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	600KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	6M96G7W	50.90 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: Remote 5
LOCATION: 6211 Glen Circle (1.03M 4000 UNITS), Lino Lakes, MN

ANTENNA ID: Remote 5	1.03 meters	Intellian	GX100
29500.0000 - 30000.0000 MHz	1M79G1W	54.60 dBW	Modulation and Services Digital Data Signaling
29500.0000 - 30000.0000 MHz	5M00G1W	54.50 dBW	Modulation and Services Digital Data Signaling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	600KG7W	47.80 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	6M96G7W	54.50 dBW	Various Modulations up to 32APSK; Digital Data Link

SITE ID: Remote 6
LOCATION: 6211 Glen Circle (.65M, 4000 UNITS), Lino Lakes, MN

ANTENNA ID: Remote 6	0.65 meters	Intellian	GX60
29500.0000 - 30000.0000 MHz	2M20G1W	50.50 dBW	Modulation and Services Digital Data Signaling
29500.0000 - 30000.0000 MHz	5M00G1W	50.90 dBW	Modulation and Services Digital Data Signaling
19700.0000 - 20200.0000 MHz	32M0G7W	0.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	492KG7W	44.00 dBW	Various Modulations up to 32APSK; Digital Data Link
29500.0000 - 30000.0000 MHz	6M96G7W	50.90 dBW	Various Modulations up to 32APSK; Digital Data Link

Points of Communication:

Remote 1 - INMARSAT 5F3 - (179.6 W.L.)

Remote 2 - INMARSAT 5F3 - (179.6 W.L.)

Remote 3 - INMARSAT 5F3 - (179.6 W.L.)

Remote 4 - INMARSAT 5F3 - (179.6 W.L.)

Remote 5 - INMARSAT 5F3 - (179.6 W.L.)

Remote 6 - INMARSAT 5F3 - (179.6 W.L.)

SES-LIC-20150604-00338 E E150082 HNS License Sub, LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

The site latitude and longitude for this HNS License Sub, LLC application for an earth station authorization was corrected by IBFS File No. SES-AMD-20150915-00594.

SITE ID: 1

LOCATION: 4202 Coleman, Burleigh, Bismarck, ND

46 ° 51 ' 5.70 " N LAT.

100 ° 46 ' 48.70 " W LONG.

ANTENNA ID:	1	8.1 meters	ASC Signal	Ka 8.1m
18300.0000 - 19300.0000 MHz		100KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz		100KG7W	0.00 dBW	M-ary PSK Inroute
19700.0000 - 20200.0000 MHz		250MG7W	0.00 dBW	M-ary PSK Inroute
18300.0000 - 19300.0000 MHz		250MG7W	0.00 dBW	M-ary PSK Inroute
27850.0000 - 29100.0000 MHz		100KG7W	58.80 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz		250MG7D	88.30 dBW	M-ary PSK Outroute
27850.0000 - 29100.0000 MHz		89M8G7W	88.30 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz		100KG7W	58.80 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz		89M8G7W	88.30 dBW	M-ary PSK Outroute
29250.0000 - 30000.0000 MHz		250MG7D	88.30 dBW	M-ary PSK Outroute

Points of Communication:

1 - JUPITER 97 W(S2834) - (97.1 W. L.)

SES-LIC-20150914-00576 E E150114 Harmonic Inc. **EZ**

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 2.4M

LOCATION: 4300 North First Street, Santa Clara, San Jose, CA

37 ° 25 ' 16.30 " N LAT.

121 ° 57 ' 39.20 " W LONG.

ANTENNA ID:	2.4M	2.4 meters	General Dynamics/Satcom Tech	1244
	14000.0000 - 14500.0000 MHz	36M0G7W	73.17 dBW	Digital traffic various modulation, FEC, data rates
	14000.0000 - 14500.0000 MHz	51K2G7W	46.27 dBW	Digital traffic various modulation, FEC, data rates
	11700.0000 - 12200.0000 MHz	36M0G7W		Digital traffic various modulation, FEC, data rates
	11700.0000 - 12200.0000 MHz	51K2G7W		Digital traffic various modulation, FEC, data rates

Points of Communication:

2.4M - PERMITTED LIST - ()

SES-LIC-20150916-00586 E E150115 Cameron University **EZ**

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 2.4M

LOCATION: 2800 W. Gore Blvc, Comanche, Lawton, OK

34 ° 36 ' 25.00 " N LAT.

98 ° 26 ' 6.00 " W LONG.

ANTENNA ID:	2.4M	2.4 meters	Channel Master	OFFSAT
	14000.0000 - 14500.0000 MHz	230KG7W	52.70 dBW	Digital traffic, SCPC, various FEC, various data rates
	14000.0000 - 14500.0000 MHz	480KG7W	54.13 dBW	Digital traffic, SCPC, various FEC, various data rates
	11700.0000 - 12200.0000 MHz	230KG7W		Digital traffic, SCPC, various FEC, various data rates
	11700.0000 - 12200.0000 MHz	480KG7W		Digital traffic, SCPC, various FEC, various data rates

Points of Communication:

2.4M - PERMITTED LIST - ()

SES-LIC-20150917-00589 E E150117 Pacific and Southern, LLC **EZ**

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION:

ANTENNA ID: 1 1.2 meters Avl Technologies 1210K
14000.0000 - 14500.0000 MHz 36M0G7W 63.10 dBW Compressed digital video and audio

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20150917-00590 E E150118 University of Delaware **EZ**

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: UDEL

LOCATION: 302 Pearson Hall, New Castle, Newark, DE
39 ° 40 ' 40.00 " N LAT. 75 ° 44 ' 57.00 " W LONG.

ANTENNA ID: 4.9M 4.9 meters Andrew ES49MP
14000.0000 - 14500.0000 MHz 1M85F1D 60.00 dBW Qpsk 8psk Video Data
11700.0000 - 12200.0000 MHz 1M85F1D Qpsk 8psk Video Data

Points of Communication:

UDEL - PERMITTED LIST - ()

SES-LIC-20150918-00593 E E150119 Combined Communications of Oklahoma, LLC **EZ**

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION:

ANTENNA ID: 1 1.4 meters AVL Technologies 1410
14000.0000 - 14500.0000 MHz 36M0G7W 67.05 dBW Compressed digital video and audio

Points of Communication:

1 - PERMITTED LIST - ()

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

The Boeing Company requests modification of its fixed earth station authorization to increase the EIRP and EIRP Density and to relocate the earth station within Moses Lake, WA. The earth station will communicate with satellites on the Permitted List 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: 8998 Tyndall Rd L3, Grant, Moses Lake, WA

47 ° 12 ' 1.10 " N LAT.

119 ° 18 ' 0.50 " W LONG.

ANTENNA ID:	1	3.8 meters	Viking	NAV 3.8
14000.0000 - 14500.0000 MHz	32M4G7D	73.00 dBW	Angle-modulated, phase modulation; Data	
14000.0000 - 14500.0000 MHz	29M5G7D	73.00 dBW	Angle-modulated, phase modulation; Data	
14000.0000 - 14500.0000 MHz	24M3G7D	73.00 dBW	Angle-modulated, phase modulation; Data	
14000.0000 - 14500.0000 MHz	20M0G7D	73.00 dBW	Angle-modulated, phase modulation; Data	
14000.0000 - 14500.0000 MHz	11M9G7D	73.00 dBW	Angle-modulated, phase modulation; Data	
14000.0000 - 14500.0000 MHz	6M75G7D	73.00 dBW	Angle-modulated, phase modulation; Data	
14000.0000 - 14500.0000 MHz	3M40G7D	73.00 dBW	Angle-modulated, phase modulation; Data	
11700.0000 - 12200.0000 MHz	32M4G7D	Angle-modulated, phase modulation; Data		
11700.0000 - 12200.0000 MHz	29M5G7D	Angle-modulated, phase modulation; Data		
11700.0000 - 12200.0000 MHz	24M3G7D	Angle-modulated, phase modulation; Data		
11700.0000 - 12200.0000 MHz	20M0G7D	Angle-modulated, phase modulation; Data		
11700.0000 - 12200.0000 MHz	11M9G7D	Angle-modulated, phase modulation; Data		
11700.0000 - 12200.0000 MHz	6M75G7D	Angle-modulated, phase modulation; Data		
11700.0000 - 12200.0000 MHz	3M40G7D	Angle-modulated, phase modulation; Data		

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20150917-00596 E E040060 Northern Lights Media, Inc.

Application for Modification

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

Northern Lights Media, Inc. requests modification of its temporary-fixed earth station authorization to: (1) replace its 1.0-meter antenna with a 1.2-meter antenna; (2) change and add new emission designators and related services; and (3) increase EIRP and EIRP density. The earth station will communicate with satellites on the Permitted List in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth to space) frequency bands.

SITE ID: 1

LOCATION: (KTUU-TV), VARIOUS

ANTENNA ID:	1	1.2 meters	Advent Communications	Mantis 120
	14000.0000 - 14500.0000 MHz	6M57G7W	55.28 dBW	DIGITAL VIDEO BROADCASTING-SCPS
	11.7000 - 12200.0000 MHz	36M0D7W		QAM or APSK; Digital Video, Digital Audio, and Data
	11.7000 - 12200.0000 MHz	3M50D7W		QAM or APSK; Digital Video, Digital Audio, and Data
	14000.0000 - 14500.0000 MHz	36M0D7W	59.32 dBW	QAM or APSK; Digital Video, Digital Audio, and Data
	14000.0000 - 14500.0000 MHz	3M50D7W	58.71 dBW	QAM or APSK; Digital Video, Digital Audio, and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20150918-00595 E E030183 Christopher S. Borghesani dba/CBTV

Application for Modification

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

Christopher S. Borghesani dba/CBTV requests modification of its temporary-fixed earth station authorization to add a Swe-Dish, model DA 150K 1.5-meter antenna, Antenna ID "2", to communicate with satellites on the Permitted List in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

SITE ID: T3

LOCATION: 73 TABER AVENUE, RHODE ISLAND, RI

ANTENNA ID:	1	1.5 meters	SWE-DISH	DA 150K
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14000.0000 - 14500.0000 MHz	36M0F8W	63.50 dBW	PSK DIGITAL VIDEO W/DIGITAL AUDIO/DATA
14000.0000 - 14500.0000 MHz	24M0G7W	63.50 dBW	PSK DIGITAL VIDEO W/DIGITAL AUDIO/DATA
11700.0000 - 12200.0000 MHz	36M0F8W		PSK DIGITAL VIDEO W/DIGITAL AUDIO/DATA
11700.0000 - 12200.0000 MHz	24M0G7W		PSK DIGITAL VIDEO W/DIGITAL AUDIO/DATA
ANTENNA ID: 2	1.5 meters	SWE-DISH	DA 150K
11700.0000 - 12200.0000 MHz	24M0G7W		PSK DIGITAL VIDEO W/DIGITAL AUDIO/DATA
14000.0000 - 14500.0000 MHz	24M0G7W	63.50 dBW	PSK DIGITAL VIDEO W/DIGITAL AUDIO/DATA

Points of Communication:

T3 - PERMITTED LIST - ()

INFORMATIVE

SES-MSC-20150728-00474

Harris CapRock Communications, Inc.

Harris CapRock Communications, Inc. filed a notification of coordination in the 5925-6425 MHz frequency band for ESV operations within 200 km of port and ocean areas from Cape Canaveral to Miami, FL. Pursuant to Section 25.221(a)(12) of the Commission's rules, 47 C.F.R. § 25.221(a)(12), the International Bureau hereby releases this coordination public notice. The operation of each individual ESV within 200 kilometers of either the baseline of the United States or U.S.-licensed fixed offshore installations may commence immediately after the public notice is released. Under Section 25.221(a)(12), if the Commission receives any objections during the 30-day comment cycle following issuance of the Coordination Public Notice, the ESV operator must cease operations of the relevant station until the situation has been resolved and the Commission receives notice of the resolution.

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