



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01890

Wednesday September 28, 2016

Satellite Communications Services Information re: Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

SES-AMD-20160920-00795 E E160139 SES Americom, Inc.

Amendment

Withdrawn

Date Effective: 09/26/2016

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 5990 Solano Verde Dr, Ventura, Somis, CA

34 ° 19 ' 32.00 " N LAT.

118 ° 59 ' 44.00 " W LONG.

ANTENNA ID:	1	11 meters	Vertex	11m
6679.4200 - 6710.0000 MHz	100KG7W	70.20 dBW	digital data	
6679.4200 - 6710.0000 MHz	30M0G7W	95.70 dBW	digital data	
6425.0000 - 6650.2700 MHz	100KG7W	70.20 dBW	digital data	
6425.0000 - 6650.2700 MHz	30M0G7W	95.70 dBW	digital data	
5925.0000 - 6425.0000 MHz	100KG7W	60.20 dBW	digital data and video	
5925.0000 - 6425.0000 MHz	30M0G7W	82.50 dBW	digital data and video	
3700.0000 - 4200.0000 MHz	100KG7W		digital data and video	
3700.0000 - 4200.0000 MHz	30M0G7W		digital data and video	
1564.4200 - 1586.4200 MHz	100KG7W		digital data	

1564.4200 - 1586.4200 MHz	30M0G7W	digital data
1165.4500 - 1187.4500 MHz	100KG7W	digital data
1165.4500 - 1187.4500 MHz	100KG7W	digital data
1165.4500 - 1187.4500 MHz	100KG7W	digital data
1165.4500 - 1187.4500 MHz	30M0G7W	digital data

Points of Communication:

1 - PERMITTED LIST - ()

1 - SES-15 (S2951) - (129.15 W.L)

SES-ASG-20160906-00765	E E120239	WXII Hearst Television Inc.	
Application for Consent to Assignment			
Grant of Authority			Date Effective: 09/21/2016

Current Licensee: WXII Hearst Television Inc.
FROM: WXII HEARST TELEVISION INC.
TO: Hearst Properties Inc.

No. of Station(s) listed: 2

SES-ASG-20160906-00766	E E060086	WTAE Hearst Television Inc.	
Application for Consent to Assignment			
Grant of Authority			Date Effective: 09/21/2016

Current Licensee: WTAE Hearst Television Inc.
FROM: WTAE HEARST TELEVISION INC.
TO: Hearst Stations Inc.

No. of Station(s) listed: 2

SES-ASG-20160906-00767	E E880839	KHBS Hearst Television Inc.	
Application for Consent to Assignment			
Grant of Authority			Date Effective: 09/21/2016

Current Licensee: KHBS Hearst Television Inc.
FROM: KHBS HEARST TELEVISION, INC.
TO: Arkansas Hearst Television Inc.

No. of Station(s) listed: 2

SES-ASG-20160906-00768	E E060045	WAPT Hearst Television Inc.	
Application for Consent to Assignment			
Grant of Authority			Date Effective: 09/21/2016

Current Licensee: WAPT Hearst Television Inc.
FROM: WAPT HEARST TELEVISION, INC.
TO: Jackson Hearst Television Inc.

No. of Station(s) listed: 1

SES-ASG-20160906-00770 E E020237 WGAL Hearst Television Inc.

Application for Consent to Assignment

Grant of Authority

Date Effective: 09/21/2016

Current Licensee: WGAL Hearst Television Inc.

FROM: WGAL HEARST TELEVISION, INC.

TO: Hearst Properties Inc.

No. of Station(s) listed: 2

SES-ASG-20160906-00771 E E950286 KETV Hearst Television Inc.

Application for Consent to Assignment

Grant of Authority

Date Effective: 09/21/2016

Current Licensee: KETV Hearst Television Inc.

FROM: KETV HEARST TELEVISION INC.

TO: Hearst Properties Inc.

No. of Station(s) listed: 1

SES-ASG-20160906-00772 E E020034 KMBC Hearst Television Inc.

Application for Consent to Assignment

Grant of Authority

Date Effective: 09/21/2016

Current Licensee: KMBC Hearst Television Inc.

FROM: KMBC HEARST TELEVISION INC.

TO: Hearst Stations Inc.

No. of Station(s) listed: 3

SES-ASG-20160906-00773 E E120229 KOAT Hearst Television Inc.

Application for Consent to Assignment

Grant of Authority

Date Effective: 09/21/2016

Current Licensee: KOAT Hearst Television Inc.

FROM: KOAT HEARST TELEVISION, INC.

TO: Hearst Properties Inc.

No. of Station(s) listed: 2

SES-ASG-20160906-00774 E E020236 WCVB Hearst Television Inc.

Application for Consent to Assignment

Grant of Authority

Date Effective: 09/21/2016

Current Licensee: WCVB Hearst Television Inc.

FROM: WCVB HEARST TELEVISION, INC.

TO: Hearst Stations Inc.

No. of Station(s) listed: 5

SES-ASG-20160906-00775 E E010146 WLKY Hearst Television Inc.

Application for Consent to Assignment

Grant of Authority

Date Effective: 09/21/2016

Current Licensee: WLKY Hearst Television Inc.

FROM: WLKY HEARST TELEVISION, INC.

TO: Hearst Properties Inc.

No. of Station(s) listed: 2

Class of Station: Blanket Earth Stations**Nature of Service:** 17/24 Reverse Band BSS

SITE ID: 1Multiple

LOCATION: 25,000 Reverse Band BSS earth stations Multiple-(Receive-only) 4.5M., CONUS

ANTENNA ID:	A1	4.5 meters	Various - all using the following specs	Various
	17300.0000 - 17700.0000 MHz	3M75G7W		VIDEO and Data Services to Cellular Towers only
	17300.0000 - 17700.0000 MHz	390MG7W		VIDEO and Data Services to Cellular Towers only
	17300.0000 - 17700.0000 MHz	36M0G7W		VIDEO and Data Services to Cellular Towers only

SITE ID: 2Multiple

LOCATION: 25,000 Reverse band BSS earth stations Multiple-(Receive-only) 6.3M., CONUS

ANTENNA ID:	A2	6.3 meters	Various - all using the following specs	Various
	17300.0000 - 17700.0000 MHz	3M75G7W		VIDEO and Data Services to Cellular Towers only
	17300.0000 - 17700.0000 MHz	390MG7W		VIDEO and Data Services to Cellular Towers only
	17300.0000 - 17700.0000 MHz	36M0G7W		VIDEO and Data Services to Cellular Towers only

SITE ID: 3Multiple

LOCATION: 25,000 Reverse band BSS earth stations Multiple-(Receive-only) 3.7M., CONUS

ANTENNA ID:	A3	3.7 meters	Various - all using the following specs	Various
	17300.0000 - 17700.0000 MHz	3M75G7W		VIDEO and Data Services to Cellular Towers only
	17300.0000 - 17700.0000 MHz	390MG7W		VIDEO and Data Services to Cellular Towers only
	17300.0000 - 17700.0000 MHz	36M0G7W		VIDEO and Data Services to Cellular Towers only

Points of Communication:

1Multiple - Ciel-6i - (103.0 W.L.)

2Multiple - Ciel-6i - (103.0 W.L.)

SES-MOD-20160630-00625 E WB36 Marlink, Inc.

Application for Modification

10/22/2011 - 10/22/2026

Grant of Authority

Date Effective: 09/23/2016

Class of Station: Other

Nature of Service: Fixed Satellite Service, Other

SITE ID: 1

LOCATION: C-BAND REMOTE ESVS/US AND INTL WATERS 11707 S SAM HOUSTON PARKWAY W, SUITE A, HARRIS, HOUSTON, TX

ANTENNA ID:	9707/97/11	2.4 meters	SEA TEL	9707, 9797, 9711
	5925.0000 - 6425.0000 MHz		15M0G7W	64.00 dBW
				DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	5925.0000 - 6425.0000 MHz		44K8G1W	45.20 dBW
				DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	5925.0000 - 6425.0000 MHz		44K8G7W	45.20 dBW
				DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	5925.0000 - 6425.0000 MHz		15M0G1W	64.00 dBW
				DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	3700.0000 - 4200.0000 MHz		54M0G1W	
				DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	3700.0000 - 4200.0000 MHz		54M0G7W	
				DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	3700.0000 - 4200.0000 MHz		44K8G1W	
				DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	3700.0000 - 4200.0000 MHz		44K8G7W	
				DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID:	INTV240	2.4 meters	INTELLIAN	V240
	5925.0000 - 6425.0000 MHz		15M0G7W	60.70 dBW
				DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	5925.0000 - 6425.0000 MHz		44K8G7W	43.83 dBW
				DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	5925.0000 - 6425.0000 MHz		15M0G1W	60.70 dBW
				DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	5925.0000 - 6425.0000 MHz		44K8G1W	43.83 dBW
				DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	3700.0000 - 4200.0000 MHz		54M0G1W	
				DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

3700.0000 - 4200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: 9711QORC	2.4 meters	SEA TEL		9711QORC
5925.0000 - 6425.0000 MHz	44K8G7W	45.20 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G7W	64.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	45.20 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G1W	64.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: OR7-300C	2.2 meters	ORBIT		OCEANTRX7-300-C
5925.0000 - 6425.0000 MHz	15M0G7W	61.50 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	39.49 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G7W	39.49 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G1W	61.50 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G1W	0.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

	3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	3700.0000 - 4200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID:	INTV240MC	2.4 meters	INTELLIAN	V240M(C-BAND)
	5925.0000 - 6425.0000 MHz	15M0G1W	63.91 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	5925.0000 - 6425.0000 MHz	15M0G7W	63.91 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	5925.0000 - 6425.0000 MHz	44K8G1W	44.98 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	5925.0000 - 6425.0000 MHz	44K8G7W	44.98 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	3700.0000 - 4200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	3700.0000 - 4200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	3700.0000 - 4200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
SITE ID:	2			
LOCATION:	KU-BAND REMOTE ESVS/US AND INTL WATERS 11707 S SAM HOUSTON PARKWAY W, SUITE A, HARRIS, HOUSTON, TX			
ANTENNA ID:	SAT30/3011	0.75 meters	SEA TEL	USAT30 & 3011
	14000.0000 - 14500.0000 MHz	1M10G1W	41.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	1M10G7W	41.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G1W	27.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G7W	27.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: 3612	0.9 meters	SEA TEL	3612
14000.0000 - 14500.0000 MHz	5M00G7W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	30.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	30.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID:	4012	1.06 meters	SEA TEL	4012
	14000.0000 - 14500.0000 MHz	5M00G7W	53.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G1W	35.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G7W	35.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	5M00G1W	53.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID:	4003	1 meters	SEA TEL	4003
	14000.0000 - 14500.0000 MHz	44K8G7W	34.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	5M00G7W	51.07 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G1W	34.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	5M00G1W	51.07 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

	11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G1W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID:	TTSA900	1 meters	THRANE & THRANE	TT-7090A SAILOR900
	14000.0000 - 14500.0000 MHz	44K8G1W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	5M00G1W	53.44 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	5M00G7W	53.44 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G7W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz		44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID:	INTV60G	0.6 meters	INTELLIAN	V60G
14000.0000 - 14500.0000 MHz		1M20G1W	40.57 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz		44K8G1W	26.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz		44K8G7W	26.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz		1M20G7W	40.57 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz		54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz		54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz		44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz		44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz		54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz		44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz		54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz		44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID:	INTV80G	0.83 meters	INTELLIAN	V80G
14000.0000 - 14500.0000 MHz		1M20G1W	44.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz		1M20G7W	44.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz		44K8G7W	29.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz		44K8G1W	29.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	44K8G7W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: INTV110	1.05 meters	INTELLIAN	V110
14000.0000 - 14500.0000 MHz	5M00G7W	53.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	36.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	36.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	53.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: 9711QORKU	1.2 meters	SEA TEL	9711QOR_KU
14000.0000 - 14500.0000 MHz	44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G7W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: 6006/9/12	1.5 meters	SEA TEL	6006, 6009, 6012
14000.0000 - 14500.0000 MHz	44K8G7W	41.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	10M0G1W	58.38 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	10M0G7W	58.38 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	44K8G1W	41.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: 9797/11KU	2.4 meters	SEA TEL	9797, 9711KU
14000.0000 - 14500.0000 MHz	44K8G7W	44.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	15M0G1W	67.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	15M0G7W	67.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	44.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

	10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID:	INTV240K	2.4 meters	INTELLIAN	V240K
	14000.0000 - 14500.0000 MHz	15M0G1W	66.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	15M0G7W	66.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G1W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G7W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID:	4006/9/10	1 meters	SEA TEL	4006, 4009 & 4010
	14000.0000 - 14500.0000 MHz	5M00G7W	51.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G1W	34.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	44K8G7W	34.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	51.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: 4996	1.2 meters	SEA TEL	4996
14000.0000 - 14500.0000 MHz	8M00G7W	54.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	54.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

	10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID:	5009/10/12	1.2 meters	SEA TEL	5009, 5010, 5012
	14000.0000 - 14500.0000 MHz	8M00G7W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G1W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	8M00G1W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID:	900B/FV110	1.03 meters	THRANE & THRANE	900B 900VSATHP&FV110
	14000.0000 - 14500.0000 MHz	44K8G1W	35.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	44K8G7W	35.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: OR7-300K	2.1 meters	ORBIT	OCEANTRX7-300-KU
14000.0000 - 14500.0000 MHz	44K8G1W	40.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	40.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

	14000.0000 - 14500.0000 MHz	15M0G7W	65.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	15M0G1W	65.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: ORAL-7103	1.2 meters	ORBIT		ORSATAL-7103MKII-K
	14000.0000 - 14500.0000 MHz	44K8G7W	35.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	8M00G7W	57.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	8M00G1W	57.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G1W	35.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: ORTR4-500	1.2 meters	ORBIT		OCEANTRX4-500-KU

14000.0000 - 14500.0000 MHz	44K8G7W	34.61 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G7W	57.13 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	34.61 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	57.13 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: INTV65/65G	0.65 meters	INTELLIAN	V65, V65G
14000.0000 - 14500.0000 MHz	44K8G1W	26.09 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M20G7W	40.37 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M20G1W	40.37 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	26.09 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: MITMVA120	1.2 meters	MITSUBISHI	MVA120
14000.0000 - 14500.0000 MHz	44K8G1W	44.22 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	44.22 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G7W	55.72 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	55.72 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

ANTENNA ID:	INTV100	1.06 meters	INTELLIAN	V100
	14000.0000 - 14500.0000 MHz	44K8G1W	37.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	5M00G7W	52.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G7W	37.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	5M00G1W	52.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID:	INTV130/G	1.25 meters	INTELLIAN	V130, V130G
	14000.0000 - 14500.0000 MHz	44K8G1W	39.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	8M00G1W	54.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G7W	39.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	8M00G7W	54.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID: MITMVA60	0.6 meters	MITSUBISHI		MVA60
14000.0000 - 14500.0000 MHz	1M10G7W	46.34 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	34.93 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M10G1W	46.34 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	34.93 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

10950.0000 - 11200.0000 MHz		44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID:	TTSA800A	0.83 meters	THRANE & THRANE	TT-7080A SAILOR 800A
14000.0000 - 14500.0000 MHz		44K8G7W 31.30 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz		5M00G1W 47.40 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz		44K8G1W 31.30 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz		5M00G7W 47.40 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz		44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz		54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz		54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz		44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz		44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz		44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz		54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz		54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
ANTENNA ID:	INTV240KU	2.4 meters	INTELLIAN	5V240M(KU-BAND)
14000.0000 - 14500.0000 MHz		15M0G1W 66.60 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz		15M0G7W 66.60 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz		44K8G1W 44.90 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz		44K8G7W 44.90 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
SITE ID: 3 LOCATION: KU-BAND REMOTE VSATS/CONUS, AK, HI, US&P 11707 S. SAM HOUSTON PARKWAY W, SUITE A, HARRIS, HOUSTON, TX			
ANTENNA ID:	SA1.2MFLY	1.2 meters	SINAERO
			SA-1.2FLY
14000.0000 - 14500.0000 MHz	10M0G1W	58.84 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	10M0G7W	58.84 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G1W	40.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	40.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	1M00G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	1M00G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	36M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

Points of Communication:

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

1 - PERMITTED LIST - ()

1 - SES-4 (S2828) - (22.0 W.L.)

2 - PERMITTED LIST - ()

3 - PERMITTED LIST - ()

SES-REG-20160809-00722 E E160141 Grove City College

Registration

08/09/2016 - 08/09/2031

Grant of Authority

Date Effective: 09/21/2016

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 100 Campus Dr (WSAJ), Mercer, Grove City, PA

41 ° 9 ' 14.90 " N LAT.

80 ° 4 ' 45.30 " W LONG.

ANTENNA ID: 3.8M.

3.8 meters

Challenger

3.8 meter

3700.0000 - 4200.0000 MHz

10M3G7W

Digital Audio Carrier

3700.0000 - 4200.0000 MHz

30K0F1D

Digital Audio Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20160913-00779 E E160127 HARRIS CORPORATION

Special Temporary Authority

Grant of Authority

Date Effective: 09/21/2016

Class of Station:

On September 21, 2016, Harris Corporation was granted special temporary authority for 60 days, beginning September 25, 2016, to test a 2.4-meter fixed earth station in Anchorage, AK with the AMC-8 (S2379) satellite at the 139° W.L. orbital location in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20160914-00783 E E140097 The Boeing Company

Special Temporary Authority

Grant of Authority

Date Effective: 09/20/2016

Class of Station:

On September 20, 2016, The Boeing Company was granted special temporary authority for 30 days, beginning October 1, 2016, to operate its earth station aboard aircraft (ESAA) with: (1) the Galaxy-17 (S2651) satellite at the 91° W.L. orbital location in the 14442-14478 MHz and 14062-14098 MHz (Earth-to-space), and 12142-12178 MHz and 11762-11798 MHz (space-to-Earth) frequency bands; and (2) the Galaxy 28 (S2160) satellite at the 89° W.L. orbital location in the 14142-14178 MHz (Earth-to-space) and 11842-11878 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES-STA-20160916-00790 E KA275 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 09/26/2016

Class of Station:

On September 26, 2016, Intelsat License LLC was granted special temporary authority for 30 days, beginning September 26, 2016, to operate its fixed earth station in Hagerstown, MD to provide launch and early orbit phase (LEOP) services for the Intelsat 33e satellite, as it drifts from the 59.55° E.L. orbital location to the 60° E.L. orbital location on the following center frequencies: 5850.50 MHz, 5853.00 MHz, 6422.00 MHz and 6424.50 MHz (Earth-to-space), and 4197.25 MHz, 4197.75 MHz, 4198.25 MHz and 4198.75 MHz (space-to-Earth).

Points of Communication:

SES-STA-20160916-00791 E E040125 Intelsat License LLC

Special Temporary Authority

Grant of Authority

Date Effective: 09/26/2016

Class of Station:

On September 26, 2016, Intelsat License LLC was granted special temporary authority for 30 days, beginning September 26, 2016, to operate its fixed earth station in Riverside, CA to provide launch and early orbit phase (LEOP) services for the Intelsat 33e satellite, as it drifts from the 59.55° E.L. orbital location to the 60° E.L. orbital location on the following center frequencies: 5850.50 MHz, 5853.00 MHz, 6422.00 MHz and 6424.50 MHz (Earth-to-space), and 4197.25 MHz, 4197.75 MHz, 4198.25 MHz and 4198.75 MHz (space-to-Earth).

Points of Communication:**SURRENDER**

SES-LIC-20020503-00788 E020132 VideoLink Fiber Optic Transmission Services Inc.

License surrendered by letter filed on September 21, 2016.

SES-LIC-20030508-00613 E030104 Northrop Grumman Systems Corporation

License surrendered by letter filed on September 16, 2016.

SES-LIC-20060807-01321 E060249 VideoLink Inc.

License surrendered by letter filed on September 21, 2016.

SES-LIC-20070918-01289 E070226 VideoLink Fiber Optic Transmission Services Inc.

License surrendered by letter filed on September 21, 2016.

SES-LIC-20080613-00772 E872070 Saga Radio Networks, LLC

License surrendered by letter filed on September 22, 2016.

SES-LIC-20080723-00965 E080174 VideoLink Inc.

License surrendered by letter filed on September 21, 2016.

SES-LIC-20100125-00111 E100020 VideoLink Fiber Optic Transmission Services Inc.

License surrendered by letter filed on September 21, 2016.

SES-LIC-20100312-00307 E100039 VideoLink Inc.

License surrendered by letter filed on September 21, 2016.

SES-LIC-20100420-00457 E100052 VideoLink Fiber Optic Transmission Services Inc.

License surrendered by letter filed on September 21, 2016.

SES-LIC-20120427-00399 E120073 Knight Sky Consulting and Associates

License surrendered by letter filed on September 26, 2016.

SES-LIC-20120513-00435 E120086 GJ and Associates, LLC

License surrendered by letter filed on September 22, 2016.

SURRENDER

SES-LIC-20130118-00064 E130014 Knight Sky Consulting and Associates

License surrendered by letter filed on September 26, 2016.

SES-LIC-20130118-00065 E130015 Knight Sky Consulting and Associates

License surrendered by letter filed on September 26, 2016.

SES-LIC-20130118-00066 E130016 Knight Sky Consulting and Associates

License surrendered by letter filed on September 26, 2016.

SES-LIC-20140411-00283 E140041 Planet Labs Inc.

License surrendered by letter filed on September 22, 2016.

SES-RWL-20021125-02052 E930005 MICROSPACE COMMUNICATIONS CORPORATION

License surrendered by letter filed on September 27, 2016.

SES-RWL-20100816-01052 E900887 MICROSPACE COMMUNICATIONS CORPORATION

License surrendered by letter filed on September 27, 2016.

SES-RWL-20111219-01471 E920133 Charter Communications, LLC

Registration surrendered per letter filed on September 22, 2016.

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