

19700 Janelia Farm Boulevard

Ashburn, VA 20147

(703) 726-5500

Fax (703) 726-5600

COMSEARCH®



**Exhibit B**

<http://www.comsearch.com>

March 2, 2015

\*\*\*\*\*  
\*\*\* CLIENT COPY \*\*\*  
\*\*\* PLEASE MAIL \*\*\*  
\*\*\* TO CUSTOMER \*\*\*

Re: Intelsat License LLC  
Fillmore, California  
Temporary Transmit-Only Earth Station  
Operation Dates: 03/05/2015 - 09/05/2015  
Job Number: 150302COMSJC02

Dear Frequency Coordinator:

On behalf of Intelsat License LLC, we are forwarding the attached coordination data for temporary operations from the existing transmit-only earth station located at the site referenced above.

This earth station will transmit only on the satellite(s) and frequency or frequencies as described in the attached data. Please do not report cases involving 4 GHz facilities or problems involving non-active paths or frequencies outside the specified range.

If there are any questions concerning this coordination notice, please contact Comsearch.

Sincerely,

COMSEARCH

Jeffrey E. Cowles  
Engineer III, Telecommunications  
[jcowles@comsearch.com](mailto:jcowles@comsearch.com)

Enclosure(s)

**COMSEARCH**  
**Earth Station Data Sheet**  
 19700 Janelia Farm Boulevard, Ashburn, VA 20147  
 (703)726-5660 <http://www.comsearch.com>

Date: 03/02/2015  
 Job Number: 150302COMSJC02

**Administrative Information**

Status: TEMPORARY (Operation from 03/05/2015 to 09/05/2015)  
 Call Sign: TEMP09  
 Licensee Code: INTELS  
 Licensee Name: Intelsat License LLC

**Site Information** **FILLMORE, CALIFORNIA**

Venue Name:  
 Latitude (NAD 83): 34° 24' 22.0" N  
 Longitude (NAD 83): 118° 53' 37.4" W  
 Climate Zone: A  
 Rain Zone: 4  
 Ground Elevation (AMSL): 313.94 m / 1030.0 ft

**Link Information**

Satellite Type: Low Earth Orbit  
 Mode: TO - Transmit-Only  
 Modulation: Digital  
 Minimum Elevation Angle: 5.0°  
 Azimuth Range: 0.0° to 360°  
 Antenna Centerline (AGL): 8.23 m / 27.0 ft

**Antenna Information**

Manufacturer: Scientific-Atlanta  
 Model: 10.3 Meter  
 Gain / Diameter: 53.8 dBi / 10.3 m  
 3-dB / 15-dB Beamwidth: 0.40° / 0.60°

Max Available RF Power (dBW/4 kHz): 10.9  
 (dBW/MHz): 34.9

Maximum EIRP (dBW/4 kHz): 64.7  
 (dBW/MHz): 88.7  
 (dBW): 88.0

Interference Objectives: Long Term: -154.0 dBW/4 kHz 20%  
 Short Term: -131.0 dBW/4 kHz 0.0025%

**Frequency Information**

Emission / Frequency Range (MHz): **Transmit 6.1 GHz**  
 850KFXD / 6420.0  
 850KFXD / 6425.0

Max Great Circle Coordination Distance: 347.9 km / 216.2 mi  
 Precipitation Scatter Contour Radius: 325.4 km / 202.2 mi

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<b>Coordination Values</b>		<b>FILLMORE, CA</b>
Licensee Name		Intelsat License LLC
Latitude (NAD 83)		34° 24' 22.0" N
Longitude (NAD 83)		118° 53' 37.4" W
Ground Elevation (AMSL)		313.94 m / 1030.0 ft
Antenna Centerline (AGL)		8.23 m / 27.0 ft
Antenna Model		Scientific-Atlanta 10.3 Meter
Antenna Mode		Transmit 6.1 GHz
Interference Objectives:	Long Term	-154.0 dBW/4 kHz 20%
	Short Term	-131.0 dBW/4 kHz 0.0025%
Max Available RF Power		10.9 (dBW/4 kHz)

Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Transmit 6.1 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)
0	9.45	76.90	-10.00	256.40
5	9.81	73.28	-10.00	256.40
10	11.84	70.32	-10.00	256.40
15	10.91	66.54	-10.00	256.40
20	12.89	64.07	-10.00	256.40
25	13.83	61.45	-10.00	256.40
30	11.05	56.89	-10.00	256.40
35	11.05	53.97	-10.00	256.40
40	11.16	51.36	-10.00	256.40
45	12.08	49.66	-10.00	256.40
50	12.02	47.53	-10.00	256.40
55	12.02	45.80	-10.00	256.40
60	11.89	44.32	-10.00	256.40
65	10.13	41.66	-10.00	256.40
70	10.13	41.15	-10.00	256.40
75	10.13	41.13	-7.96	269.20
80	8.91	40.41	-4.20	292.90
85	8.91	41.41	0.77	324.20
90	6.32	40.56	4.53	347.90
95	6.32	42.59	4.53	347.90
100	6.32	45.00	4.53	347.90
105	6.35	47.76	4.53	347.90
110	5.84	50.44	4.53	347.90
115	4.00	52.69	4.53	347.90
120	2.01	55.33	4.53	347.90
125	1.94	59.11	4.53	347.90
130	2.44	63.20	4.53	347.90
135	2.62	67.23	4.53	347.90
140	2.67	71.27	4.53	347.90
145	2.87	75.38	4.53	347.90
150	2.62	79.46	4.53	347.90
155	3.19	83.65	4.53	347.90
160	2.85	87.77	4.53	347.90
165	3.52	91.91	4.53	347.90
170	3.28	96.04	4.53	347.90
175	3.00	100.19	4.53	347.90
180	2.53	104.38	4.53	347.90
185	2.35	108.51	4.53	347.90

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Antenna Mode	Transmit 6.1 GHz
Interference Objectives: Long Term	-154.0 dBW/4 kHz 20%
Short Term	-131.0 dBW/4 kHz 0.0025%
Max Available RF Power	10.9 (dBW/4 kHz)

Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Transmit 6.1 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)
190	2.28	112.57	4.53	347.90
195	0.78	117.05	4.53	347.90
200	0.41	121.18	4.53	347.90
205	1.23	124.74	4.53	347.90
210	0.97	128.61	4.53	347.90
215	0.94	132.22	4.53	347.90
220	0.00	136.21	4.53	347.90
225	0.00	139.42	4.53	347.90
230	0.00	142.31	4.53	347.90
235	0.00	144.80	4.53	347.90
240	0.00	146.79	4.53	347.90
245	0.00	148.21	4.53	347.90
250	0.00	148.95	4.53	347.90
255	0.00	148.97	4.53	347.90
260	0.00	148.28	4.53	347.90
265	0.00	146.92	4.53	347.90
270	0.00	144.96	4.53	347.90
275	1.12	141.62	0.77	324.20
280	1.30	138.71	-4.20	292.90
285	2.93	134.56	-7.96	269.20
290	4.19	130.57	-10.00	256.40
295	4.04	127.29	-10.00	256.40
300	4.42	123.56	-10.00	256.40
305	3.72	120.18	-10.00	256.40
310	3.09	116.58	-10.00	256.40
315	2.76	112.74	-10.00	256.40
320	3.33	108.58	-10.00	256.40
325	4.75	104.28	-10.00	256.40
330	5.93	100.12	-10.00	256.40
335	7.78	95.99	-10.00	256.40
340	8.25	92.08	-10.00	256.40
345	9.31	88.23	-10.00	256.40
350	9.65	84.45	-10.00	256.40
355	9.64	80.68	-10.00	256.40