

19700 Janelia Farm Boulevard

Ashburn, VA 20147

(703) 726-5500

Fax (703) 726-5600



COMSEARCH®

<http://www.comsearch.com>

Exhibit B

January 28, 2015

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

Re: Intelsat License LLC
Paumalu, Hawaii
Temporary, Transmit-Only Earth Station
Operation Dates: 03/01/2015 - 09/01/2015
Job Number: 150128COMSJC04

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

A handwritten signature in blue ink, appearing to read 'Jeffrey E. Cowles'.

Jeffrey E. Cowles
Engineer III, Telecommunications
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: 01/28/2015
 Job Number: 150128COMSJC04

Administrative Information

Status: TEMPORARY (Operation from 03/01/2015 to 09/01/2015)
 Call Sign: TEMP09
 Licensee Code: INTELS
 Licensee Name: Intelsat License LLC

Site Information PAUMALU, HAWAII

Venue Name
 Latitude (NAD 83): 21° 40' 15.5" N
 Longitude (NAD 83): 158° 2' 6.1" W
 Climate Zone: A
 Rain Zone: 4
 Ground Elevation (AMSL): 144.8 m / 475.1 ft

Link Information

Satellite Type: Geostationary
 Mode: TO - Transmit-Only
 Modulation: Analog and Digital
 Satellite Arc: 83° W to 233° West Longitude
 Azimuth Range: 95.6° to 264.3°
 Corresponding Elevation Angles: 5.2° / 5.3°
 Antenna Centerline (AGL): 6.1 m / 20.0 ft

Antenna Information

Manufacturer: Vertex
 Model: 9.0 Meter KPC
 Gain / Diameter: 53.5 dBi / 9.0 m
 3-dB / 15-dB Beamwidth: 1.00° / 2.00°

Max Available RF Power (dBW/4 kHz): 1.2
 (dBW/MHz): 25.2

Maximum EIRP (dBW/4 kHz): 54.7
 (dBW/MHz): 78.7
 (dBW): 78.0

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 / 6421.5
 850KFXD / 6423.5

Max Great Circle Coordination Distance: 437.0 km / 271.5 mi
 Precipitation Scatter Contour Radius: 139.6 km / 86.7 mi

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Coordination Values	PAUMALU, HI
Licensee Name	Intelsat License LLC
Latitude (NAD 83)	21° 40' 15.5" N
Longitude (NAD 83)	158° 2' 6.1" W
Ground Elevation (AMSL)	144.8 m / 475.1 ft
Antenna Centerline (AGL)	6.1 m / 20.0 ft
Antenna Model	Vertex 9.0 Meter KPC
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	1.2 (dBW/4 kHz)

Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Transmit 6.1 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)
0	0.00	95.62	-10.00	185.76
5	0.00	90.64	-10.00	185.76
10	0.00	85.66	-10.00	185.76
15	0.00	80.68	-10.00	185.76
20	0.00	75.70	-10.00	185.76
25	0.00	70.72	-10.00	185.76
30	0.00	65.75	-10.00	185.76
35	0.00	60.77	-10.00	185.76
40	0.00	55.80	-10.00	185.76
45	0.00	50.83	-10.00	185.76
50	0.00	45.87	-9.54	187.54
55	0.42	40.87	-8.29	169.52
60	0.42	35.92	-6.88	175.73
65	0.41	30.98	-5.28	183.03
70	0.63	26.02	-3.38	174.87
75	1.12	21.03	-1.07	159.47
80	1.13	16.15	1.79	174.00
85	1.30	11.33	5.64	186.65
90	1.50	6.75	11.26	205.52
95	1.97	3.31	19.00	437.01
100	2.53	5.12	14.26	195.74
105	3.01	9.49	7.57	149.82
110	2.84	14.15	3.23	134.95
115	3.11	18.59	0.27	120.35
120	3.17	23.10	-2.09	110.05
125	2.99	27.66	-4.05	106.09
130	3.17	32.00	-5.63	100.00
135	3.13	36.36	-7.02	100.00
140	2.76	40.77	-8.26	100.00
145	2.11	45.17	-9.37	103.98
150	2.00	49.16	-10.00	104.26
155	2.24	52.71	-10.00	100.00
160	2.25	56.00	-10.00	100.00
165	2.52	58.59	-10.00	100.00
170	2.23	60.83	-10.00	100.00
175	2.17	62.07	-10.00	100.77
180	2.27	62.34	-10.00	100.00
185	2.03	62.20	-10.00	103.46

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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	1.2 (dBW/4 kHz)

Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Transmit 6.1 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)
190	1.74	61.23	-10.00	110.51
195	1.64	59.18	-10.00	113.11
200	1.21	56.60	-10.00	123.96
205	0.96	53.37	-10.00	131.32
210	0.59	49.83	-10.00	148.12
215	0.45	45.92	-9.55	159.81
220	0.00	41.97	-8.57	191.25
225	0.00	37.69	-7.40	195.73
230	0.22	33.22	-6.04	198.88
235	0.00	28.87	-4.51	205.14
240	0.00	24.36	-2.67	212.38
245	0.00	19.82	-0.43	221.74
250	0.00	15.24	2.42	234.51
255	0.00	10.72	6.25	252.58
260	0.00	6.83	11.13	279.81
265	0.00	5.33	13.83	436.48
270	0.00	7.75	9.77	271.82
275	0.00	11.89	5.12	247.49
280	0.00	16.51	1.55	230.51
285	0.00	21.30	-1.21	218.39
290	0.00	26.17	-3.44	209.28
295	0.00	31.08	-5.31	203.72
300	0.00	36.01	-6.91	197.62
305	0.00	40.95	-8.31	192.27
310	0.00	45.90	-9.55	187.51
315	0.00	50.87	-10.00	185.76
320	0.00	55.83	-10.00	185.76
325	0.00	60.80	-10.00	185.76
330	0.00	65.78	-10.00	185.76
335	0.00	70.75	-10.00	185.76
340	0.00	75.73	-10.00	185.76
345	0.00	80.71	-10.00	185.76
350	0.00	85.69	-10.00	185.76
355	0.00	90.66	-10.00	185.76