



COMSEARCH
An Andrew Company

19700 Janelia Farm Blvd.
Ashburn, Va 20147
(703)-726-5500 Fax: (703)-726-5600
<http://www.comsearch.com>

February 26, 2013

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

Re: The Production Crew and Co.
PONCE, PR - PACHIN VICENS ARENA
Temporary Transmit-Only Earth Station
Operation Dates: 02/28/2013 - 08/28/2013
Job Number: 130226COMSTC03

Dear Frequency Coordinator:

On behalf of The Production Crew and Co., we are forwarding the attached coordination data for a Temporary Transmit-Only Earth Station to be 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.

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Timothy O. Crutcher
Principal Frequency Coordinator

Enclosure(s)

copy sent to: Mr. Charles Magin, EIC
FCC - Columbia, MD

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Earth Station Data Sheet

19700 Janelia Farm Boulevard, Ashburn, VA 20147

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Date: 02/26/2013
Job Number: 130226COMSTC03

Administrative Information

Status TEMPORARY (Operation from 02/28/2013 to 08/28/2013)
Licensee Name The Production Crew and Co.

Site Information

PONCE, PR
Venue Name PACHIN VICENS ARENA
Latitude (NAD 83) 17°59' 11.0" N
Longitude (NAD 83) 66°37' 5.0" W
Climate Zone C
Rain Zone 1
Ground Elevation (AMSL) 3.0 m / 9.8 ft

Link Information

Satellite Type Geostationary
Mode TO - Transmit-Only
Modulation Digital
Satellite Arc 58°W to 99°West Longitude
Azimuth Range 153.9° to 244.0°
Corresponding Elevation Angles 66.7° / 47.6°
Antenna Centerline (AGL) 3.66 m / 12.0 ft

Antenna Information

Manufacturer Prodelin
Gain / Diameter 42.0 dBi / 2.4 m
3-dB / 15-dB Beamwidth 1.00° / 2.00°

Transmit

Max Available RF Power (dBW/4 kHz) -14.1
(dBW/MHz) 9.9
Maximum EIRP (dBW/4 kHz) 27.9
(dBW/MHz) 51.9
(dBW)
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) 36M0G7W / 6197.0

Transmit 6.1 GHz

Max Great Circle Coordination Distance 225.5 km / 140.1 mi
Precipitation Scatter Contour Radius 100.0 km / 62.1 mi

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Coordination Values

PONCE, PR

Licensee Name The Production Crew and Co.
Latitude (NAD 83) 17°59' 11.0" N
Longitude (NAD 83) 66°37' 5.0" W
Ground Elevation (AMSL) 3.0 m / 9.8 ft
Antenna Centerline (AGL) 3.66 m / 12.0 ft
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 -14.1 (dBW/4 kHz)

| Azimuth (°) | Horizon Elevation (°) | Antenna Discrimination (°) | Transmit 6.1 GHz | |
|-------------|-----------------------|----------------------------|--------------------|----------------------------|
| | | | Horizon Gain (dBi) | Coordination Distance (km) |
| 0 | 1.89 | 107.81 | -10.00 | 100.00 |
| 5 | 1.89 | 111.06 | -10.00 | 100.00 |
| 10 | 1.21 | 109.58 | -10.00 | 100.00 |
| 15 | 1.27 | 108.26 | -10.00 | 100.00 |
| 20 | 0.64 | 106.34 | -10.00 | 138.47 |
| 25 | 0.51 | 104.68 | -10.00 | 154.92 |
| 30 | 0.37 | 102.93 | -10.00 | 186.73 |
| 35 | 0.49 | 101.23 | -10.00 | 158.17 |
| 40 | 1.22 | 99.67 | -10.00 | 100.00 |
| 45 | 1.18 | 97.70 | -10.00 | 100.00 |
| 50 | 0.60 | 95.57 | -10.00 | 143.60 |
| 55 | 0.32 | 93.54 | -10.00 | 197.16 |
| 60 | 0.00 | 91.53 | -10.00 | 225.03 |
| 65 | 0.00 | 89.55 | -10.00 | 225.03 |
| 70 | 0.00 | 87.57 | -10.00 | 225.03 |
| 75 | 0.00 | 85.62 | -10.00 | 225.03 |
| 80 | 0.00 | 83.68 | -10.00 | 225.03 |
| 85 | 0.00 | 81.79 | -10.00 | 225.03 |
| 90 | 0.00 | 79.96 | -10.00 | 225.03 |
| 95 | 0.00 | 78.19 | -10.00 | 225.03 |
| 100 | 0.00 | 76.50 | -10.00 | 225.03 |
| 105 | 0.00 | 74.91 | -10.00 | 225.03 |
| 110 | 0.00 | 73.42 | -10.00 | 225.03 |
| 115 | 0.00 | 72.05 | -10.00 | 225.03 |
| 120 | 0.00 | 70.81 | -10.00 | 225.03 |
| 125 | 0.00 | 69.72 | -10.00 | 225.03 |
| 130 | 0.00 | 68.78 | -10.00 | 225.03 |
| 135 | 0.00 | 68.01 | -10.00 | 225.03 |
| 140 | 0.00 | 67.40 | -10.00 | 225.03 |
| 145 | 0.00 | 66.98 | -10.00 | 225.03 |
| 150 | 0.00 | 66.74 | -10.00 | 225.03 |
| 155 | 0.00 | 66.69 | -10.00 | 225.03 |
| 160 | 0.00 | 66.83 | -10.00 | 225.03 |
| 165 | 0.00 | 67.15 | -10.00 | 225.03 |
| 170 | 0.00 | 67.66 | -10.00 | 225.03 |
| 175 | 0.00 | 68.34 | -10.00 | 225.03 |
| 180 | 0.00 | 68.89 | -10.00 | 225.03 |
| 185 | 0.00 | 68.25 | -10.00 | 225.03 |

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| | |
|------------------------------------|-----------------------------|
| Coordination Values | PONCE, PR |
| Licensee Name | The Production Crew and Co. |
| Latitude (NAD 83) | 17°59' 11.0" N |
| Longitude (NAD 83) | 66°37' 5.0" W |
| Ground Elevation (AMSL) | 3.0 m / 9.8 ft |
| Antenna Centerline (AGL) | 3.66 m / 12.0 ft |
| 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 | -14.1 (dBW/4 kHz) |

| Azimuth (°) | Horizon Elevation (°) | Antenna Discrimination (°) | Transmit 6.1 GHz | |
|-------------|--------------------------|-------------------------------|-----------------------|-------------------------------|
| | | | Horizon Gain (dBi) | Coordination Distance (km) |
| 190 | 0.00 | 66.44 | -10.00 | 225.03 |
| 195 | 0.00 | 63.76 | -10.00 | 225.03 |
| 200 | 0.00 | 60.99 | -10.00 | 225.03 |
| 205 | 0.00 | 58.41 | -10.00 | 225.03 |
| 210 | 0.00 | 56.02 | -10.00 | 225.03 |
| 215 | 0.00 | 53.86 | -10.00 | 225.03 |
| 220 | 0.00 | 51.98 | -10.00 | 225.03 |
| 225 | 0.00 | 50.39 | -10.00 | 225.03 |
| 230 | 0.00 | 49.13 | -10.00 | 225.03 |
| 235 | 0.00 | 48.23 | -10.00 | 225.03 |
| 240 | 0.00 | 47.72 | -9.97 | 225.27 |
| 245 | 0.00 | 47.59 | -9.94 | 225.46 |
| 250 | 0.00 | 47.87 | -10.00 | 225.03 |
| 255 | 0.00 | 48.53 | -10.00 | 225.03 |
| 260 | 0.46 | 49.15 | -10.00 | 166.76 |
| 265 | 0.65 | 50.39 | -10.00 | 137.18 |
| 270 | 0.88 | 51.94 | -10.00 | 111.49 |
| 275 | 1.07 | 53.84 | -10.00 | 100.00 |
| 280 | 1.47 | 55.87 | -10.00 | 100.00 |
| 285 | 1.89 | 58.17 | -10.00 | 100.00 |
| 290 | 1.66 | 61.09 | -10.00 | 100.00 |
| 295 | 1.63 | 64.03 | -10.00 | 100.00 |
| 300 | 1.67 | 67.08 | -10.00 | 100.00 |
| 305 | 1.33 | 70.39 | -10.00 | 100.00 |
| 310 | 1.57 | 73.57 | -10.00 | 100.00 |
| 315 | 0.79 | 77.10 | -10.00 | 121.49 |
| 320 | 1.23 | 80.36 | -10.00 | 100.00 |
| 325 | 1.45 | 83.75 | -10.00 | 100.00 |
| 330 | 1.69 | 87.19 | -10.00 | 100.00 |
| 335 | 1.74 | 90.67 | -10.00 | 100.00 |
| 340 | 1.75 | 94.15 | -10.00 | 100.00 |
| 345 | 1.72 | 97.61 | -10.00 | 100.00 |
| 350 | 2.07 | 101.11 | -10.00 | 100.00 |
| 355 | 1.84 | 104.46 | -10.00 | 100.00 |

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Pursuant to Part 25.203(c) of the FCC Rules and Regulations, the satellite earth station proposed in this application was coordinated by Comsearch using computer techniques and in accordance with Part 25 of the FCC Rules and Regulations.

Verbal and written coordination data for this earth station was conducted with the below listed carriers on 02/26/2013.

Company

ALL AMERICAN CABLE AND RADIO INC
AT&T COMMUNICATIONS OF VIRGIN ISLANDS
AT&T Mobility Puerto Rico
AT&T Mobility Virgin Islands, Inc.
Ackley Caribbean Enterprises, Inc.
Aeronet Wireless Broadband Corp.
CROWN CASTLE INT CORP DE PUERTO RICO
Choice Communications, LLC
Critical Hub Networks, Inc.
EVERTEC, INC
Federal Communications Commission
INTERISLAND TELEPHONE CORPORATION
Iniciativa Tecnologica Centro Oriental
Interference Office, Arecibo Observatory
Neptuno Media
PRWireless, Inc.
PUERTO RICO HIGHWAY AUTHORITY
Puerto Rico Commonwealth of State Police
Puerto Rico Electric Power Authority
Puerto Rico Telephone Company
Sprint PCS
Sprintcom, Inc
Sprintcom, Inc. Puerto Rico
System Development Integration, LLC
T-Mobile Puerto Rico LLC
UNIVERSITY OF THE VIRGIN ISLANDS
Virgin Islands Telephone Corporation