

4. EARTH STATION COORDINATION DATA

This section presents the data pertinent to frequency coordination of the proposed earth station that was circulated to all carriers within its coordination contours. Please note that this ESV will operate no closer than ESV route indicates, except when docking at a port as noted in the ESV route information below. The coordination contours include all the area seaward of this route within 200 km of the baseline of the United States or 200 km from any fixed service offshore installations.

Skjei Telecom, Inc.
Earth Station Data Sheet

Date: 08/10/2009
Job Number: 090810SKJTEL01

Administrative Information

Status ENGINEER PROPOSAL
Call Sign
Licensee Code TELESV
Licensee Name Vizada Satellite Inc -ESV In-Motion

Site Information U.S.A. EAST COAST

Venue Name
Latitude (NAD 83) SEE ATTACHED TABLE AND MAP
Longitude (NAD 83) SEE ATTACHED TABLE AND MAP
Ground Elevation (AMSL) 0.0 m / 0.0 ft

Link Information

Satellite Type Geostationary
Mode TO - Transmit-Only
Modulation Digital
Satellite Arc 22° W to 22° West Longitude
Antenna Centerline (AGL) 15.54 m / 51.0 ft

Antenna Information

Manufacturer FCC REFERENCE
Model 32-25LOG(THETA)
Gain / Diameter 42.1 dBi / 2.4 m
3-dB / 15-dB Beamwidth 0.66° / 1.40°

Transmit - FCC32

Max Available RF Power (dBW/4 kHz) -10.5
(dBW/MHz) 13.5

Maximum EIRP (dBW/4 kHz) 31.6
(dBW/MHz) 55.6
(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) **Transmit 6.1 GHz**
102KG7D - 205KG7D / 5851 - 5860
102KG7D - 205KG7D / 5920 - 5923
102KG7D - 205KG7D / 5948 - 5959
102KG7D - 205KG7D / 5960 - 5970
102KG7D - 205KG7D / 6420 - 6423

U.S.A. East Coast ESV Break Points

This ESV will operate no closer than 5 miles off the coast. This is reflected in the route information below.

ESV Route Break Points List		
Company	Vizada	
ESV Route	East Coast	(see maps below)
Name	Latitude	Longitude
BPL1	24.62814	-81.83901
BPL2	24.457	-81.862
BPL3	24.622	-81.048
BPL4	24.9	-80.5
BPL5	25.6	-80.054
BPL6	26.78	-79.948
BPL7	28.454	-80.4425
BPL8	29.881	-81.185
BPL9	31	-81.321
BPL10	31.82806	-80.91
BPL11	32.454	-80.232
BPL12	33.074	-79.155
BPL13	33.666	-78.788
BPL14	33.797	-77.947
BPL15	34.6	-77.115
BPL16	34.559	-76.523
BPL17	35.254	-75.433
BPL18	35.643	-75.382
BPL19	37	-75.943
BPU1	37.413	-75.579
BPU2	37.742	-75.453
BPU3	37.839	-75.271
BPU4	38.392	-74.967
BPU5	38.789	-74.994
BPU6	39.534	-74.134
BPU7	39.735	74.01
BPU8	40.494	-73.896
BPU9	40.573	-73.13
BPU10	41.077	-71.428
BPU11	41.305	-71.477
BPU12	41.415	-71.071
BPU13	41.181	-70.859
BPU14	41.185	-69.869
BPU15	41.795	-69.836
BPU16	42.128	-69.978
BPU17	42.26	-70.643

BPU18	42.379	-70.864
BPU19	42.649	-70.469
BPU20	42.808	-70.718
BPU21	43.58	-70.061
BPU22	43.745	-68.812
BPU23	44.76	-66.88

