EXHIBIT B – TECHNICAL INFORMATION

1.0 - Description of Antenna

Make & Model	Stealth Microwave / SR31720-50L
Location	38° 11' 30.0" N 83° 26' 20.0" W 100 Satellite Drive, Morehead KY 40351
Transmit Frequency Limits (MHz)	2035.45616-2035.73216 MHz
Minimum Elevation Angles	5°
Azimuth Angles	Full Motion 360° Pedestal Mount[1]
Gain (dBi)	51.28 dBi @ 2.035 GHz
Input Power (Watts @flange)	400
Total EIRP (Watts)	53,673,439
Total EIRP (dBW)	77.30
Total ERP (Watts)	32,715,942
Total ERP (dBW)	75.15
Emissions	250KG7D 276KG7D

2.0 – Network Operations Center ("Kill Switch") Contact

Contact Name	Dr. Benjamin K Malphrus
Phone	+1-606-783.2212
Email	b.malphrus@moreheadstate.edu

[1] The antenna employed for the proposed experiment serves various scientific deep space missions and employs an auto-tracking 360° pedestal mount that continuously adjusts azimuth and elevation to communicate with missions in orbital planes and altitudes not applicable for bent-pipe communications spacecraft, including lunar and irregular orbits.