



Request for Proposal

Request for Proposal due by November 17, 2010

Proposed Planet for Study:	Callisto
Team Members:	

Abstract: (100 words or less)

[VERY briefly discuss all your main points from below. Write this at the end.]

Briefly describe the conditions on the planet that you propose to study.

Callisto is a moon of Jupiter and it was discovered by Galileo and Marius in 1910. Callisto has no atmosphere and its orbit is 1,883,000 km from Jupiter. Callisto is about 40% ice and 60% rock/iron like Ganymede. Callisto's ancient craters have collapsed.

State why this is a worthy location to search for life.

Callisto is a great location to search for life is because the surface includes water, ice, carbon dioxide, silicates, and organic compounds. Water is necessary for life an organic compound is necessary for food. Callisto may hide salty oceans where life can live. "If this liquid were salty like earth's oceans, it could carry sufficient electrical currents to produce a magnetic field."

Based on your research, describe a life form that you expect to find on your proposed planet.

[A description of the type of life and evidence to support your description. About 100-150 words.]