

Other Recent Projects

ORBITALS Plasma Science Initiative

Northeast supported Magellan/Bristol and the University of Alberta for the ORBITALS space plasma science initiative which will be an exciting opportunity to discover new science information about Earth's plasmasphere. The initial ORBITALS study was done in collaboration with the University of Colorado Laboratory for Atmospheric and Space Physics (LASP). The project is currently awaiting further funding. See

<http://www.agu.org/meetings/chapman/2011/ecall/>

Lunar Exploration Studies

In 2010 Northeast began supporting Magellan/Bristol's work, done for MDA Robotics, in support of Lunar and planetary Exploration. The projects included a Lunar lander, a lunar rover and a satellite service mission. Mr Buckingham provided conceptual design ideas and independent analysis for propulsion, thermal performance and structural conceptual design.

CSA Small Satellite Bus

In the early 2000's Northeast helped CSA plan the Canadian small satellite bus. Mr Buckingham provided technical and implementation advice for many aspects of the program which was subsequently implemented by the CSA.