



Massachusetts Institute of Technology Center for Space Research

Coral Reef Mission

Ref. 43-01101.03
March 29, 2003

Monthly Progress Report March 2002

Our most important event this month was the release of [document 43-04002.01, Solicitations of Industrial Partners](#) to four US and two European space craft vendors on March 22. To repeat what we said last month, it is an opus in three parts: a mission overview, a terse statement of the requirements and (design) goals, and program considerations the prospective vendors should have in mind when responding to this solicitation – *e.g.*: a funding and launch schedule to use as a straw man. The final tuning of the words incorporated suggestions from Bill Mayer on management, John Doty on instrument, and Peter Ford on data flow. In the first week of release we have gotten technical questions from three of the vendors, so we are clearly off to a running start.

Along with the above Solicitation we also released document [43-09001 Rev 01](#), Mission Safety, Reliability and Quality Assurance thanks to Brian Klatt. It is an attempt to convey to the spacecraft vendors the kind of program we want them to run, and is consistent with our desire to have a long-lived mission. Again it will be instructive to see what kind of responses we receive.

The evaluation of the proposals will happen in June. Our current plan is to convene a panel of six people to evaluate the responses and come to a consensus recommendation for a partner. The names we currently have penciled in are

Bob Goeke, Mission Systems
Ed Boughan, Spacecraft Systems
John Doty, Science
Bill Mayer, Management
Brian Klatt, R&QA
John Allen, PCRf

Others will be involved on an as-needed basis, but these folks will have to do the majority of the work.

Bob Goeke
MIT Mission Development