

## Chris Koehler

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**Sent:** Wednesday, February 25, 2004 9:23 PM  
**To:** koehler@colorado.edu  
**Subject:** DemoSat Progress Report

Below is the result of your feedback form. It was submitted by  
( ) on Wednesday, February 25, 2004 at 21:23:03

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School\_Name: University of Colorado at Boulder

Author: John Chouinard

Email: John.Chouinard@colorado.edu

Report\_Date: 02-25-2004

Missions: SmartSat

Current\_Progress: SupportSat:

The team has been completely formed. There are 19 including two managers. The mission design has been selected and is underway. Our mission is to test the interference from electronic equipment on the magnetometers onboard the DINO nanosatellite. Also, we are testing pixel matching techniques using a canon rebel digital camera. This will aid DINO in their stereoscopic imaging. Thus far, the team has been assigned to research and select all needed equipment. As of Tuesday, we have the specs on most of the hardware we are planning to use. This week, our teams are working on determining integration requirements. Also, structures is beginning drawings of the parts and layout. Our most important works in progress include developing the algorithm for the pixel-matching and figuring out software and power requirements.

Upcoming\_Milestones: Peer Design Review 09 March 2004  
Begin Test and Assembly Designs 10 March 2004  
All design work complete 27 March 2004  
CDR 2 April 2004

Current\_Weight: 1.5 kg

Questions\_Comments: -----

Launch\_Date: August 7, 2004

submit: Send

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