

## Chris Koehler

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**Sent:** Wednesday, February 25, 2004 4:27 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 16:27:18

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School\_Name: Colorado State University Pueblo

Author: Wolfgang Sauer

Email: wolfgang.sauer@colostate-pueblo.edu

Report\_Date: 02-25-2004

Missions: BlackBoxSat

Current\_Progress: Our team of three students is working since December 2003 on our own satellite. We haven't settled on a name, but it will be something like FieldSat. It will measure the earth magnetic field and determine the direction the satellite is pointing. In addition, it will measure shocks and vibration continuously during flight. The basic design is done; bread boarding is in progress so that we can do testing of the chips and get calibration data. All the electronic hardware is in hand.

Upcoming\_Milestones: Testing of field sensors - March 5  
Testing of vibration sensors - March 12

Current\_Weight: 1.5 kg

Questions\_Comments: We are working on a data sheet for our satellite and will send it by this Friday.

Launch\_Date: April 17, 2004

submit: Send

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