

Chris Koehler

Sent: Tuesday, March 09, 2004 12:17 PM
To: koehler@colorado.edu
Subject: DemoSat Progress Report

Below is the result of your feedback form. It was submitted by
() on Tuesday, March 9, 2004 at 12:16:44

School_Name: University of Northern Colorado

Author: Bob Walch

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Report_Date: 03-10-2004

Missions: CosmicSat

Current_Progress: Still meeting bi-weekly. Most of the team will work over spring break
(next week).

Component status:

PMTs - ordered

remaining electrical components of coincidence counter circuit - in MadgeTech pulse data
logger (for coincidence counting circuit) - in HP PalmTop (+ cables, software, batteries,
power adapter) (for Geiger tube counting) - ordered Geiger tube - in scintillator material
- in

Stuff being done:

Ken machining top flange of vacuum testing chamber
preliminary design for scintillator & PMT mounting being worked on

Needs to be done:

MadgeTech pulse data logger needs to be tested (w/ pulse generator) coincidence counter
circuit completed measure density of scintillator material think about frame for holding
scintillator/PMT structure think about box design & layout of contents think about heater
circuit (essentially same as last time except maybe more of the same since volume of box
is bigger & PMT temp. critical) start working on Geiger tube/ data logger assembly vacuum
testing of one PMT

Upcoming_Milestones:

Current_Weight: 1.5 kg

Questions_Comments:

Launch_Date: April 17, 2004

submit: Send

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