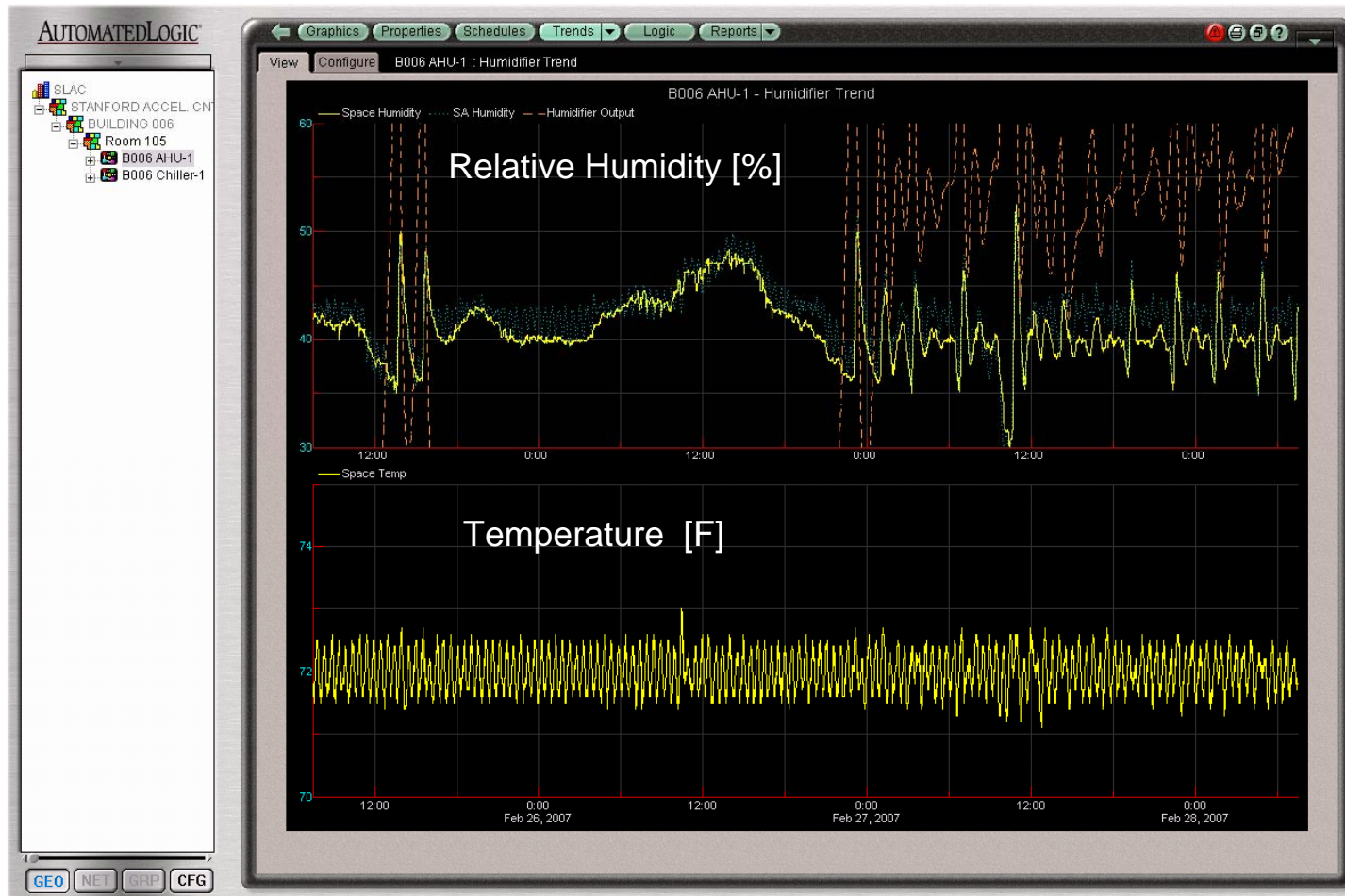


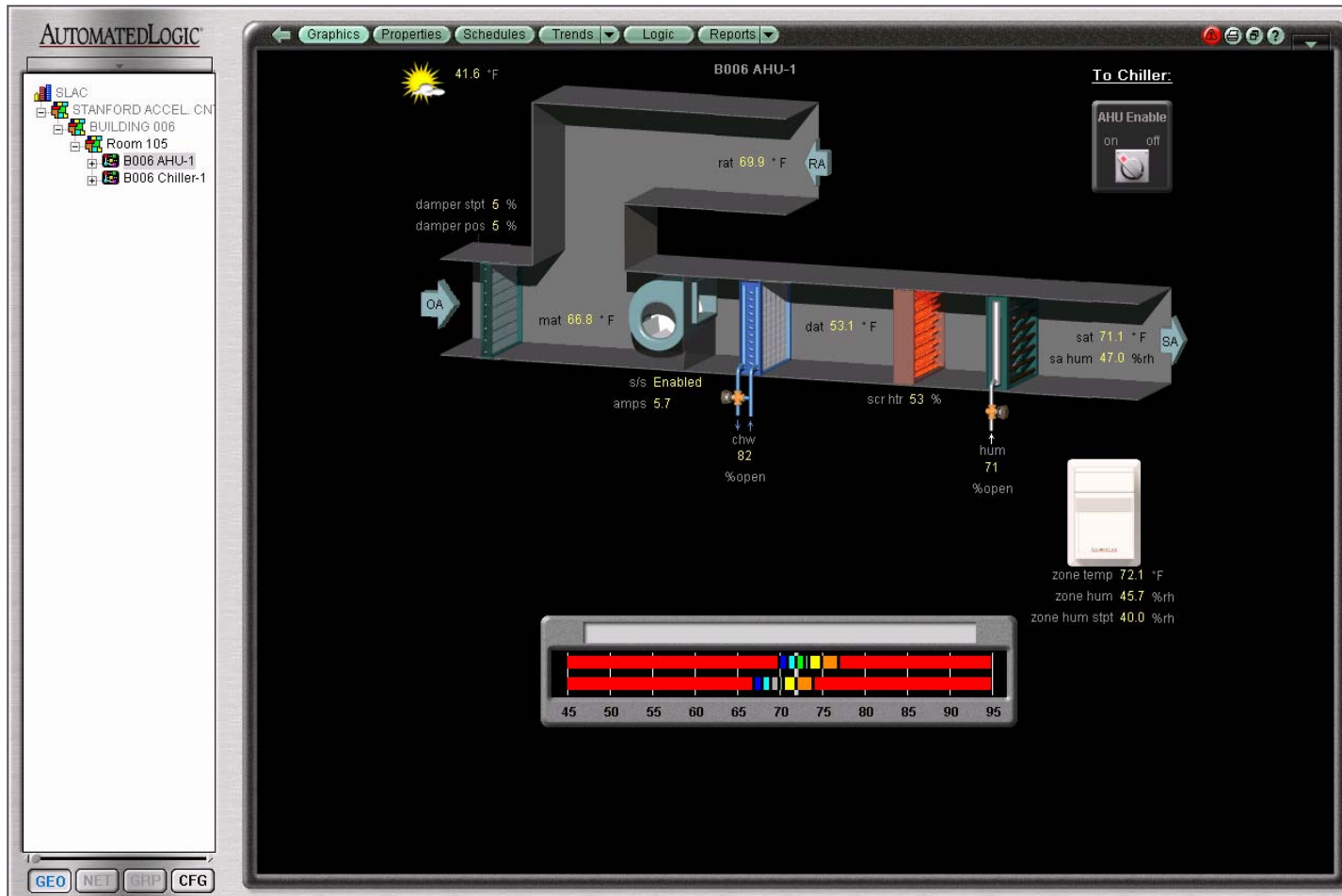
Room 105 Status and Laser project update

Brachmann

Temperature and Humidity



HVAC System Schematic



Laser Safety System and other news

- Laser Safety System installation has been completed
- Inspection by Ted Fieguth today
- SOP will be approved today (I hope)

- ELS laser (pump for source) has been ordered
- Delivery is due end of June

Laser development work plan

- Install MIRA and MILLENIA to room 105
- Test 3 MHz Pockel's cell
- ELS laser will be shipped to KM Labs to aid in Ti:Sapphire amplifier development
 - so far 200 kHz regenerative amplifier (non cryogenic) at $\sim 5\mu\text{J}$ with 10 W pump; limitation is Pockels cell
- ELS laser will be shipped to SLAC and (budget dependent) amplifier will be purchased
- KM Labs is planning to apply for SBIR phase II