Palomar Adaptive Optics Test Plan

Title	BTO shutdown
Version	1.1
Date released	5/15/2007
Lead	Laser Operator
Time requested	30 min. at end of last night of an observing run.
Required conditions	N/A

Purpose

Shut down and protect optics and electronics of the BTO.

Test procedure

Prime Focus

Requires: Kimwipes, tape, compressed air, 0.05" allen key, radio.

1. Dust off LLT primary and install primary mirror cover.
2. Turn off LLT FSM controller (on/off switch on front of controller).
3. Dust off LLT FSM and install blue metal cover (stored in box in PF elevator, tiny screws require 0.05" allen key).
4. Wrap up Q3 beamsplitter with kimwipe and tape.
5. Wrap up LLT diagnostics beamplitter wedge with kimwipe and tape.

Trolley

Requires: Kimwipes, tape, compressed air.

1. Sent trolley to bottom of track (`move trolley 5100000`).
2. Dust and cover trolley mirror with kimwipe and tape.
3. Dust and cover Q1 beamsplitter with kimwipe and tape.
4. Send trolley to storage position (`move trolley 2650000`).
5. Turn off all BTO electronics on network power switch:
   5.1. `telnet viswa_power; /off 2, 3, 4, 6; /x`

Coude Lab

Requires: compressed air, 0.05" allen key.

1. Turn off 660nm laser power supply (on/off button on front).
2. Turn off Newport FSM controller, ESP300 controller, and delay generator.
3. Dust off Coude FSM and Install blue metal cover (stored on top edge of bench).
4. Cover BTO optical bench.
5. Turn off tiny switches on backs of both microphones, and turn off microphone power supply.
6. Turn off video camera power supply (can be done by reaching between old optics above and to the right of the Coude bench).

Results and conclusions