1.3m MIS Installation Procedure
Last Updated: 03/19/07 Steven Magee

Prerequisites

This procedure is used when installing the MIS to the 1.3m telescope. Instrument rotator needs to face North and the telescope needs to be at Zenith. MIS filter wheel is not installed.

Equipment Needed

- Canned air.
- Allen wrenches.
- Adjustable wrench.

Hardware Removal

Move the MIS into position with the guider facing North.

Remove the bolts from the MIS.

Insert the alignment pin into the telescope.
Raise the MIS up to the telescope & attach bolts.

Pull out the finder optics lever.

Connect the finder motor.

Connect the finder motor limit switches.

Connect J3.

Connect J1.
Connect South guider cable.

Connect North guider cable.

Connect west guider cable.

Connect the four comparison lamp cables.

Connect the image intensifier cable.

Connect the guider video cable.
Plug in the power strip and power on the guider.

Power on the MIS controller in the computer room.

**Software installation**

1. Log into McGraw computer.
2. From the background menu, select “Telescope control-XMIS”
3. Click on “Initialize” in the gui to initialize the MIS controller.