2.4m MkIII Removal Procedure
Last Updated: 03/19/07

Prerequisites

This procedure is used when removing the MKIII instrument from the 2.4m telescope Multiple Instrument System (MIS). Instrument rotator needs to face North and telescope needs to be at zenith.

Equipment Needed

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

Hardware Removal

Turn off the CCD power supply.

Support the CCD on the hydraulic cart using an empty coffee can.

Disconnect the large cable first and then the small one from the CCD. Disconnect the fiber optics, shutter and power supply cables from the CCD controller.
Remove all of the CCD clamps from the tilt plate and remove the detector by lowering the hydraulic table.

Put the cover onto the CCD.

Put the CCD into its storage cradle and store.

Remove the CCD electronics.

Remove the tilt plate and store.
Lower the vertical weights to make the telescope bottom heavy.

Raise the hydraulic platform and support the MKIII. Remove the MKIII mounting bolts and lower it.

Install the cover onto the MKIII.

Using two people, lift the MKIII into its storage box.

Put the lid onto the storage box and store.
Turn the power off to the shutter controller and disconnect the shutter cable. Remove the shutter control box if the next instrument does not require it.