1.3m Buck Eye Filter Wheel Removal Procedure
Last Updated: 03/19/07 Steven Magee

Prerequisites

This procedure is used when removing the Buckeye filter wheel from the 1.3m telescope Multiple Instrument System (MIS). Instrument rotator needs to face North.

Equipment Needed

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

Hardware Removal

Turn off the CCD power supply.

Support the CCD using the hydraulic table and an empty coffee can. Disconnect the large cable first, followed by the small cable.

Unbolt the CCD from the filter wheel, lower it using the hydraulic table and attach the cover.
Put the CCD in its carrier and put it away.

Push the dark slide in.

Install the CCD mounting bolts back into the filter wheel and tape up the hole with foil tape.

Disconnect the shutter, fiber optic and power cables from the CCD controller.

Unbolt the CCD controller from the filter wheel.
On the filter wheel, disconnect the network, shutter, and two power cables.

Move the handler into position and raise it up to the platform using the hydraulic floor.

Unbolt the filter wheel from the MIS unit.

Lower the filter wheel using the hydraulic floor and attach the filter wheel cover.

Attach the stand to the filter wheel with nuts. Store the filter wheel in the dome.