

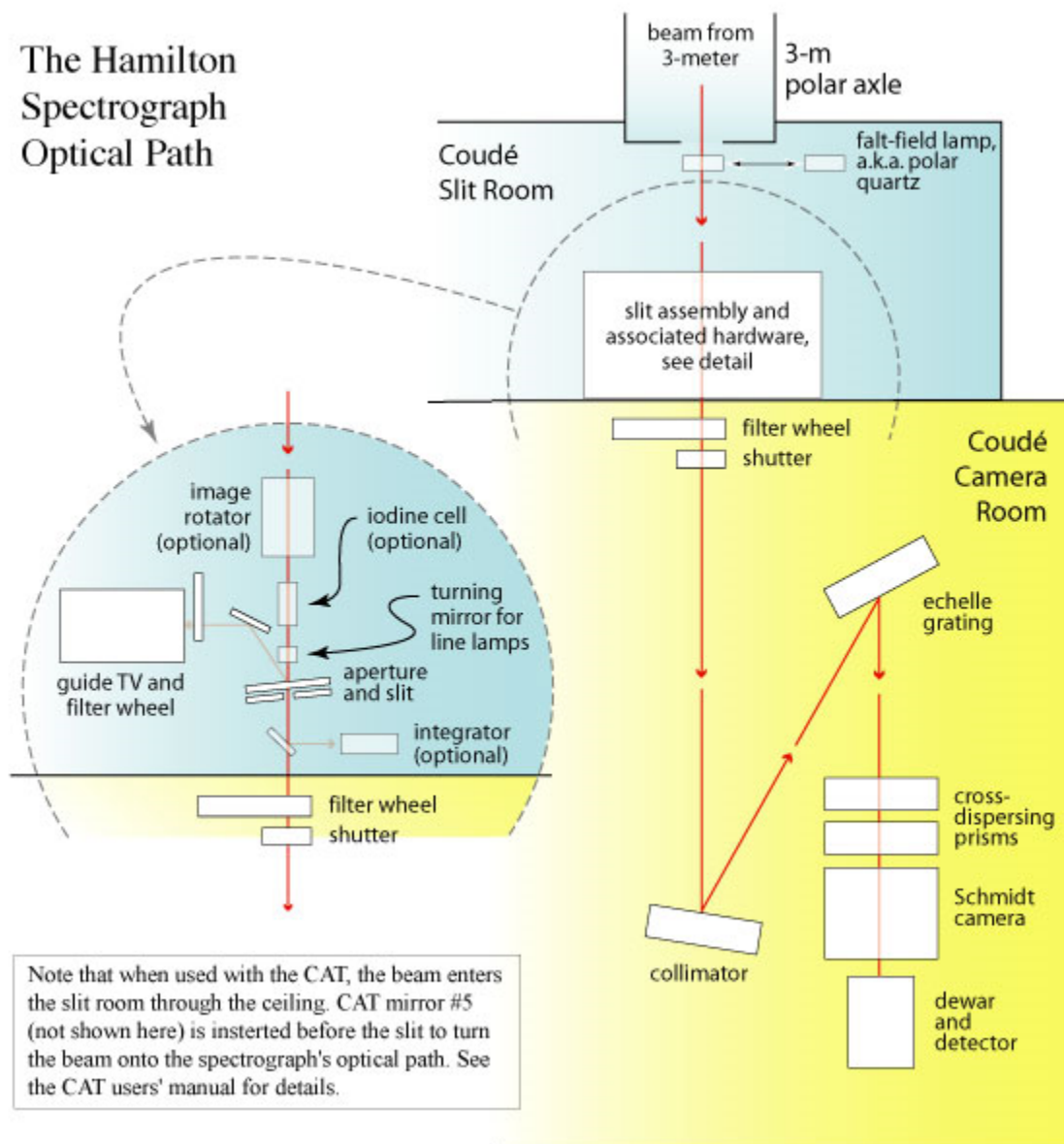
LICK OBSERVATORY OPTICS LOCATION & MAINTENANCE REPORTS

@ 120 Inch Telescope:

1. Reflectometer Optics
 - A. Witness mirror
 - B. Lamp collimator lens
 - C. Red and blue filter
2. Telescope main optics
 - A. Telescope
 - a. Primary
 - b. Coude secondary
 - c. Cass secondary
 - d. Tertiary mirror flat
 - e. Diagonal mirror (KAST) (Small hole)
 - f. Diagonal (Gemini) (Medium hole)
 - g. Diagonal (Large hole)
 - h. Diagonal periscope mirror
 - i. Diagonal periscope lens assembly
 - B. Guider
 - C. Source lamps
3. Slit room
 - A. Slit jaws
 - B. Aperture plate
 - C. Image rotator prism assembly
 - D. Periscope mirror
 - E. Integrator
 - a. Mirror
 - b. Integrator tube window
 - F. Guide camera
 - a. Camera window (quartz)
 - b. Camera lens
 - c. Camera filter wheel
 - G. Sliding pit diagonal mirror
4. Camera room
 - A. 120" camera
 - B. 80" camera
 - C. 40" camera
 - D. 20" camera
 - E. Hamilton spectrograph
 - F. Grating turret
 - G. Camera correctors
 - H. Collimators
 - a. Hamilton
 - b.
 - c.
 - I. Filter wheel (Back side of slit plate in camera room)

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The Hamilton Spectrograph Optical Path



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