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PEPSI #6 Guider Shipping Report

This report is for PEPSI guider #6, consisting of Magellan/ITL controller 33, guider dewar 35, and dewar cable 12.

1. This system has a lenslet array bonded to the CCD surface.
2. The CCD is an E2V type CCD57-10-0-127, ITL serial number 5317, E2V serial number 02101-06-11.
3. The readout noise is measured by photon transfer curve as 8.4 electrons at a gain of 1.39 e/DN at a full frame readout time of approximately 1 second.
4. Full well occurs at about 60,000 DN, corresponding to just over 122 kiloelectrons.
5. Dark current is about 0.35 electrons/pixel/second at normal operating temperature.