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PEPSI #8 Guider Shipping Report

This report is for PEPSI guider #8, consisting of Magellan/ITL controller 40, guider dewar 38, and dewar cable 2.

1. This system has no lenslet array bonded to the CCD surface.
2. The CCD is an E2V type CCD57-10-0-127, ITL serial number 5318, E2V serial number 02101-06-12.
3. The readout noise is measured by photon transfer curve as 10.4 electrons at a gain of 1.92 e/DN at a full frame readout time of approximately 1 second.
4. Full well occurs at about 48,000 DN, corresponding to just over 111 kiloelectrons.
5. Dark current is about 0.36 electrons/pixel/second at normal operating temperature.