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PEPSI #9 Guider Shipping Report

This report is for PEPSI guider #9, consisting of Magellan/ITL controller 35, guider dewar 39, and dewar cable 7.

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 5310, E2V serial number 02101-06-01.
3. The readout noise is measured by photon transfer curve as 8.6 electrons at a gain of 1.46 e/DN at a full frame readout time of approximately 1 second.
4. Full well occurs at about 58,000 DN, corresponding to just over 113 kiloelectrons.
5. Dark current is about 0.54 electrons/pixel/second at normal operating temperature.