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PEPSI #10 Guider Shipping Report

This report is for PEPSI guider #10, consisting of Magellan/ITL controller 38, guider dewar 41, and dewar cable 1.

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 5311, E2V serial number 02101-06-02.
3. The readout noise is measured by photon transfer curve as 9.4 electrons at a gain of 1.47 e/DN at a full frame readout time of approximately 1 second.
4. Full well occurs at about 47,000 DN, corresponding to just over 116 kiloelectrons.
5. Dark current is about 0.20 electrons/pixel/second at normal operating temperature.