



CENTRO DE ASTROBIOLOGÍA



OMC Status

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ESOC, February 23, 2010



OMC status



- OMC Status
 - CCD surviving well
 - Flatfield stabilized
 - Sensitivity stable
 - Photometric accuracy increasing
 - Dark current increasing slowly



OMC operations



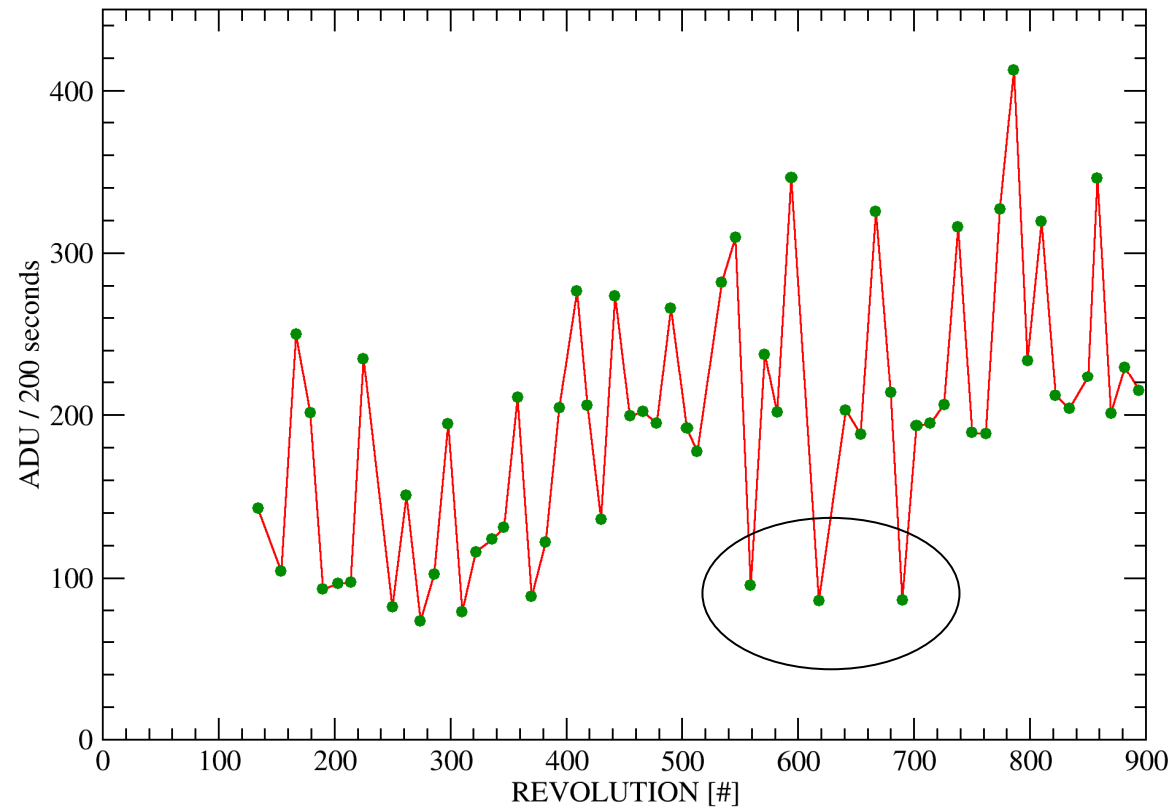
- Operations are running very smoothly.
- Monthly flatfield calibrations are being performed in the standard way.
- New flatfield calibration strategy under discussion with ISOC.
- The strategy to search for high zodiacal light levels whenever possible is satisfactory.



OMC operations



SKY BACKGROUND IN SKY IMAGES

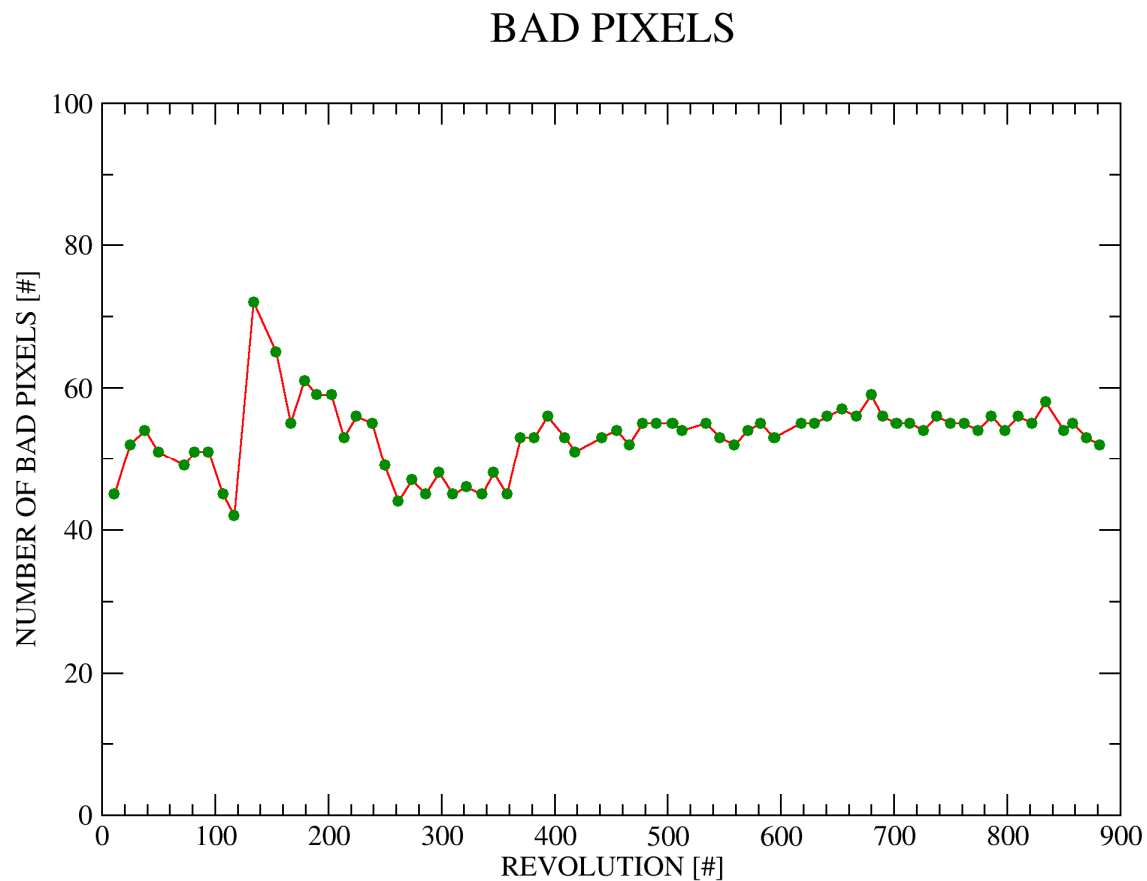




CCD status



- The number of bad pixels (sensitivity <80%) remains very stable.

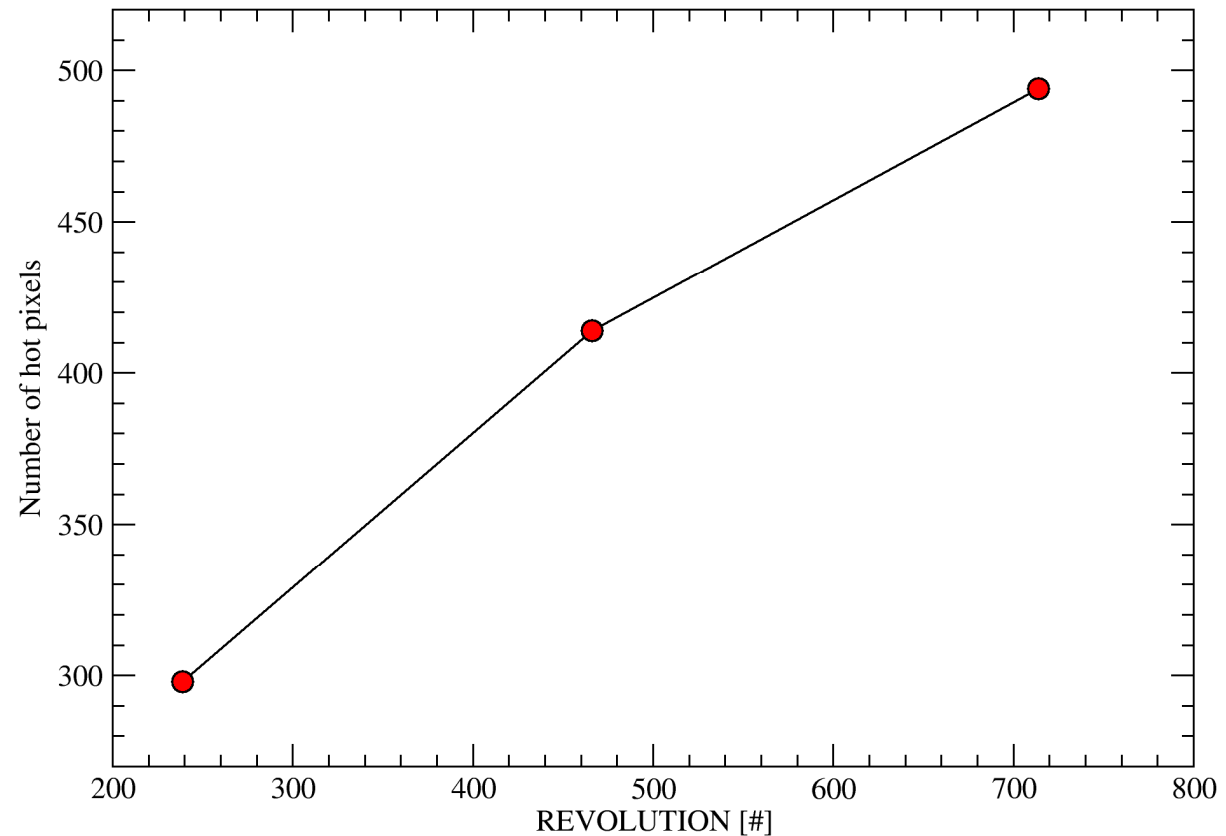




CCD status



- The number of hot pixels (higher dark current) increasing slowly and monotonically with time.
- Will be closely monitored in the future when the perigee lowers.



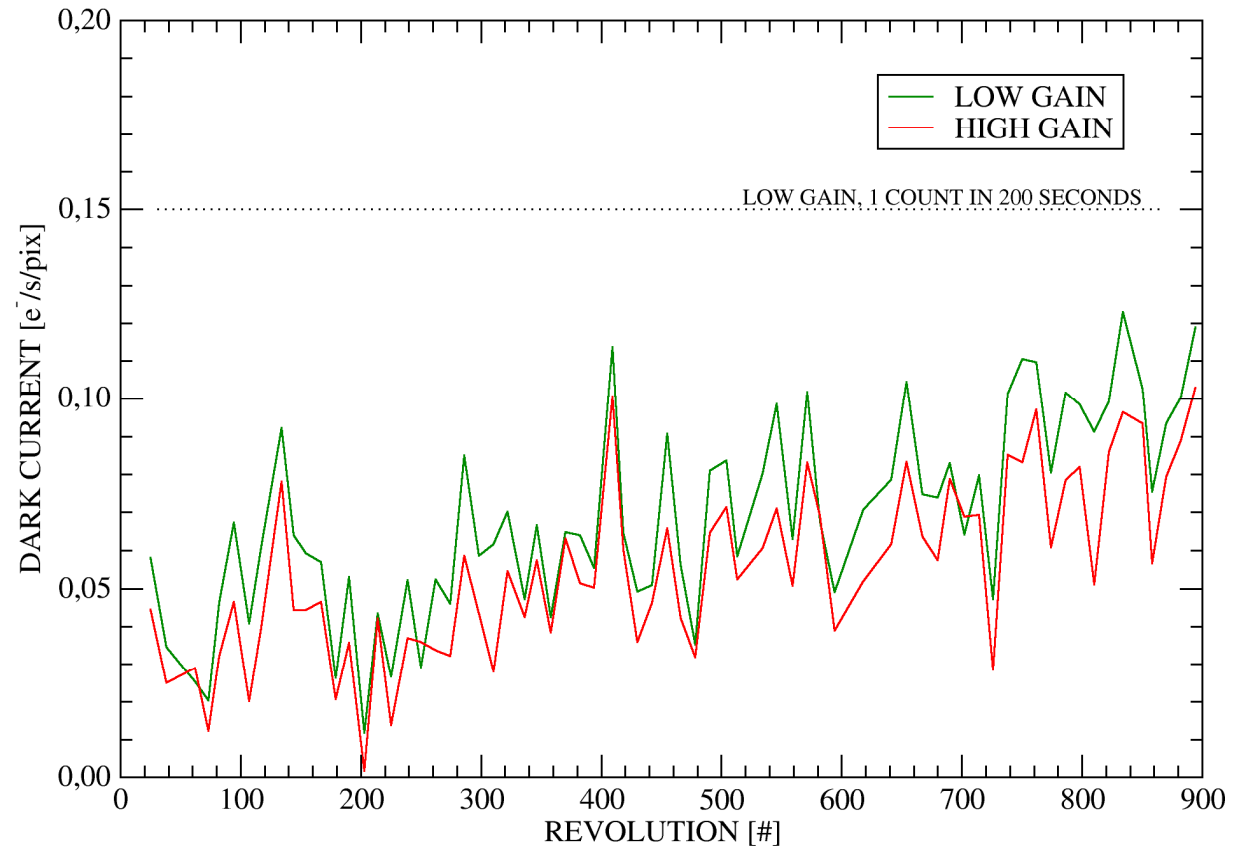


CCD status



DARK CURRENT

- The dark current increases very slowly and remains well within acceptable limits.
- No temperature correction done on the plot.





OMC photometric calibration



- The zero point of the calibration (a measure of the overall sensitivity) has become very stable.
 - The lenses are not getting darker with radiation.
 - The overall transparency of the CCD coating remains invariable.

