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## PCAD: Pointing Control and Determination system

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The PCAD is the "Pointing Control and Determination" system, which determines the Chandra aspect solution i.e. the position pointed to by the Chandra X-ray mirror (HRMA) optical axis. The PCAD has a system of gyroscopes to monitor short term changes, and a 4.25 inch diameter optical telescope with a CCD imager (for longer term corrections and tying to an astrometric reference frame).

See the Proposers' Observatory Guide (POG) for more details.

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URL:  
<http://cxc.harvard.edu/ciao3.4/dictionary/pcad.html>

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