



ACIS: Advanced Camera for Imaging and Spectroscopy

CCD imaging detector on Chandra. (PI: G.Garmire, Penn State U., with the collaboration of MIT) Contains two arrays: a square for imaging (ACIS-I) and a narrower strip, primarily for readout of the diffraction gratings (ACIS-S), particularly the HETG.

References:

- Garmire G.P., et al., 2000, AIAA, Space Programs and Technologies Conference, Huntsville AL, Mar.24-27.*
Townsley, L. K., Broos, P. S., Garmire, G. P., Nousek, J. A. 2000, ApJ Letters, 534, L139
Bautz M.W., et al., 1998, X-ray Optics, Instruments and Missions, ed. R.B. Hoover and A.B. Walker, Proc. SPIE, 3444, 210.

See the Proposers' Observatory Guide (POG) and the Penn State ACIS WWW site for more details. The CXC ACIS Calibration WWW pages have reports on the latest ACIS calibration status.

The Chandra X-Ray Center (CXC) is operated for NASA by the Smithsonian Astrophysical Observatory.
60 Garden Street, Cambridge, MA 02138 USA.
Smithsonian Institution, Copyright © 1998-2008. All rights reserved.

URL:
<http://cxc.harvard.edu/ciao3.4/dictionary/acis.html>
Last modified: 15 December 2008

