# Chandra X-ray Center

Seq Num: 500242

Instrument: ACIS

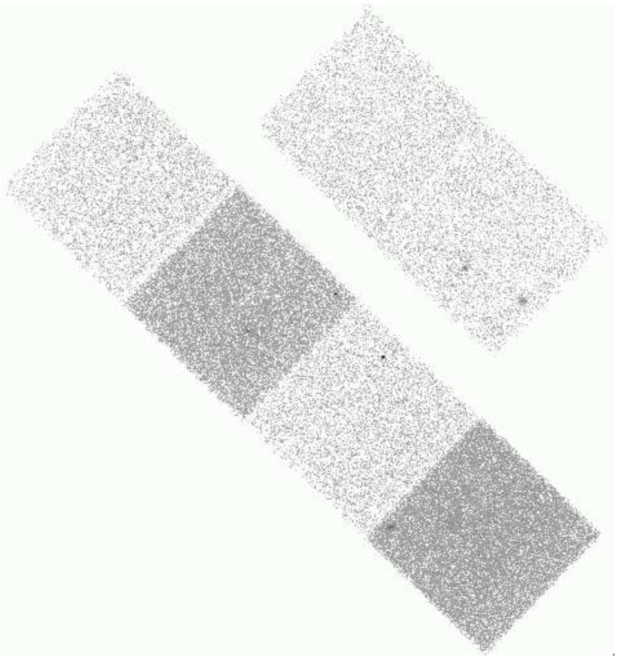
Obs ID: 2792

Source: PSR J1420-6048

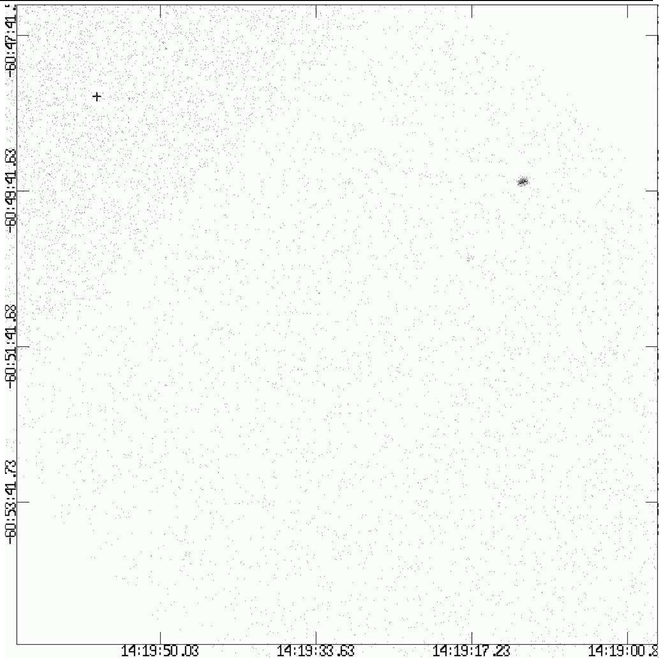
PI: Prof. Roger Romani

Title: IMAGING AND TIMING STUDIES OF THE VERY ENERGETIC PSR J1420-6048

acisf02792N002 full img2.fits



acisf02792N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-10-04T10:05:59 | Date and time of file creation |
| DATE-OBS | 2002-09-16T19:29:32 | Observation start date |
| DATE-END | 2002-09-16T22:36:40 | Observation end date |
| RA_PNT | 214.98618424414 | Pointing RA |
| DEC_PNT | -60.808045270558 | Pointing Dec |
| ROLL_PNT | 223.92767649245 | Pointing Roll |
| RA_TARG | 214.883333 | Observer's specified target RA |
| DEC_TARG | -60.858333 | Observer's specified target Dec |
| DATAMODE | VFAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.4460144 | Focal Plane Temperature [K] |
| FSW_VERS | 30 | ACIS flight software version number |

| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-10-04T10:45:53 | Date and time of file creation |
| DATE-OBS | 2002-09-16T19:29:32 | Observation start date |
| DATE-END | 2002-09-16T22:36:40 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-235678 | Detector |
| GRATING | NONE | Grating |
| OBJECT | PSR J1420-6048 | Source name |
| TITLE | IMAGING AND TIMING STUDIES OF THE VERY ENERGETIC PSR J1420-6048 | Pr |
| OBSERVER | Prof. Roger Romani | Principal investigator |
| OBS_ID | 2792 | Observation id |
| SEQ_NUM | 500242 | Sequence number |
| RA_NOM | 214.98618424414 | Nominal RA |
| DEC_NOM | -60.808045270558 | Nominal Dec |
| ROLL_NOM | 223.92767649245 | Nominal Roll |

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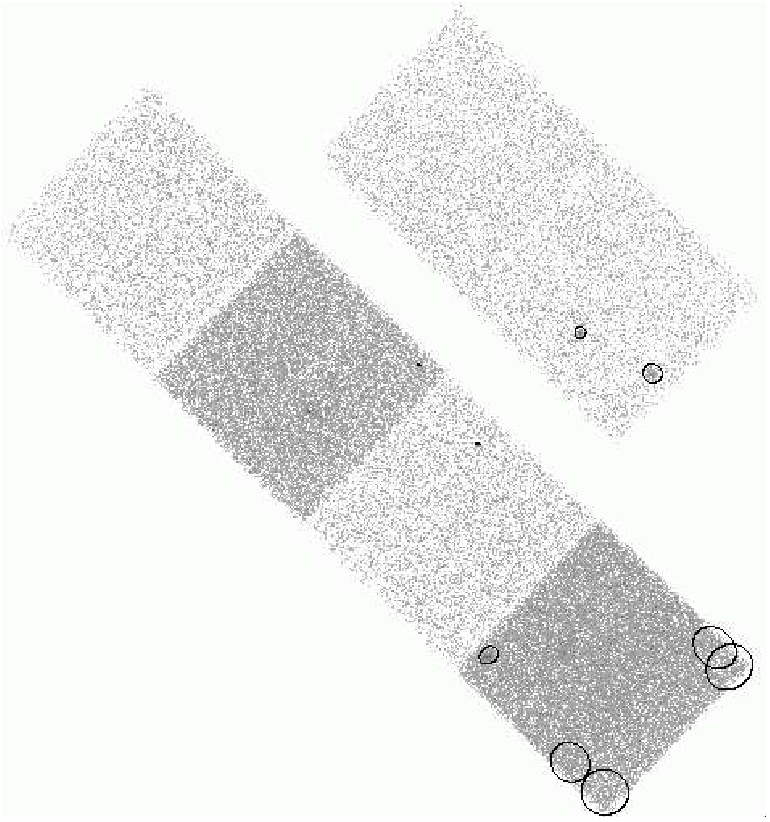
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 214.881788 | -60.772607 | 139.477280 | 13.485690 | 10.342612 |
| 214.799006 | -60.826205 | 155.909088 | 15.386219 | 10.133035 |
| 214.783768 | -60.969851 | 134.041672 | 19.787457 | 6.774072 |
| 214.620142 | -61.062309 | 166.036545 | 27.218981 | 6.100028 |
| 214.556921 | -60.777968 | 72.242523 | 12.589435 | 5.738345 |
| 214.447008 | -60.976863 | 139.966782 | 27.324249 | 5.122438 |
| 214.657924 | -60.750494 | 49.096550 | 10.189592 | 4.818304 |
| 215.034090 | -60.804746 | 30.428572 | 7.619089 | 3.993728 |
| 214.467594 | -60.963865 | 110.358925 | 27.677689 | 3.987288 |
| 214.668739 | -61.042242 | 102.416664 | 27.805866 | 3.683275 |