# Chandra X-ray Center

Seq Num: 800536

Instrument: ACIS

Obs ID: 5824

Source: LCDCS 954

PI: Prof. Gordon Garmire

Title: First X-ray Observation of Two High Redshift Lensing Clusters from the Optically Selected LCDCS Sample

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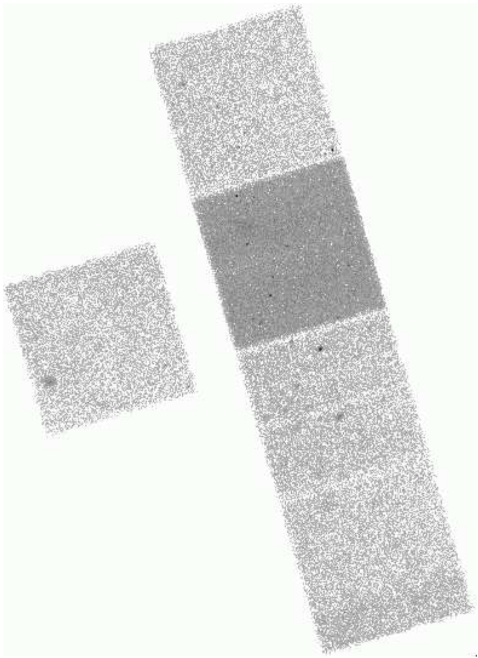
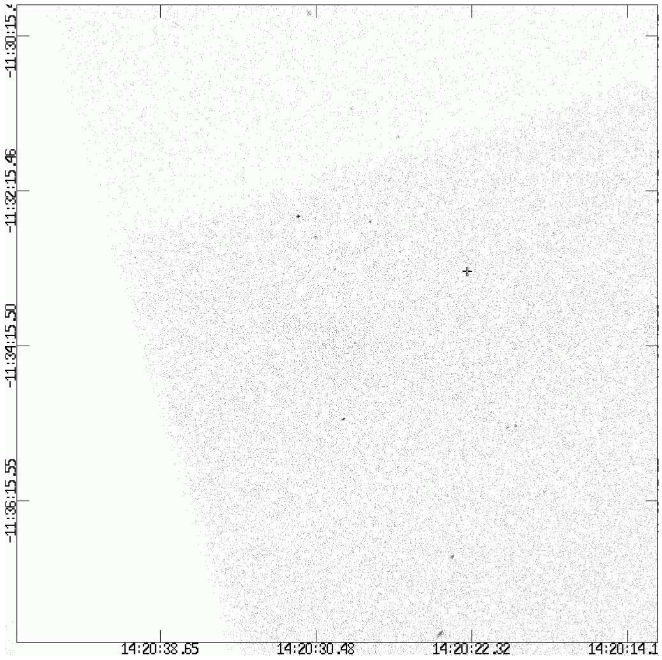
acisf05824N002 full img2.fits



acisf05824N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7 | ASCDS version number |
| DATE | 2006-02-27T12:52:09 | Date and time of file creation |
| DATE-OBS | 2005-03-17T09:53:28 | Observation start date |
| DATE-END | 2005-03-17T18:20:14 | Observation end date |
| RA_PNT | 215.0938890741 | Pointing RA |
| DEC_PNT | -11.555048457432 | Pointing Dec |
| ROLL_PNT | 73.818527159284 | Pointing Roll |
| RA_TARG | 215.12375 | Observer's specified target RA |
| DEC_TARG | -11.567778 | Observer's specified target Dec |
| DATAMODE | VFAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.60722351 | Focal Plane Temperature [K] |
| FSW_VERS | 31 | ACIS flight software version number |

| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7 | ASCDS version number |
| DATE | 2006-02-27T13:44:26 | Date and time of file creation |
| DATE-OBS | 2005-03-17T09:53:28 | Observation start date |
| DATE-END | 2005-03-17T18:20:14 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-36789 | Detector |
| GRATING | NONE | Grating |
| OBJECT | LCDCS 954 | Source name |
| TITLE | First X-ray Observation of Two High Redshift Lensing Clusters from the Optically Selected LCDCS Sample | Proposal title |
| OBSERVER | Prof. Gordon Garmire | Principal investigator |
| OBS_ID | 5824 | Observation id |
| SEQ_NUM | 800536 | Sequence number |
| RA_NOM | 215.0938890741 | Nominal RA |
| DEC_NOM | -11.555048457432 | Nominal Dec |
| ROLL_NOM | 73.818527159284 | Nominal Roll |

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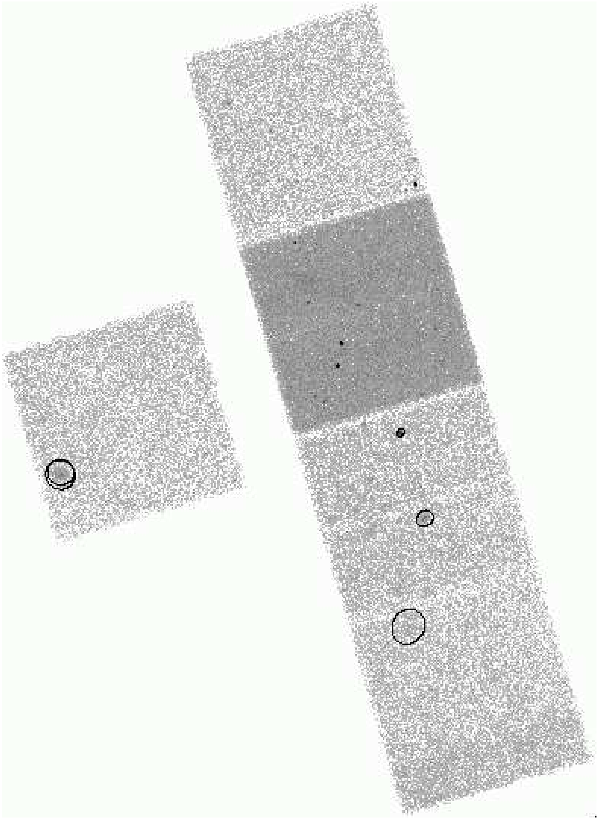
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 215.053322 | -11.681107 | 268.166656 | 20.381157 | 13.157578 |
| 215.130754 | -11.543120 | 199.714279 | 16.330385 | 12.229613 |
| 215.303919 | -11.711452 | 320.397736 | 26.657019 | 12.019264 |
| 215.042284 | -11.501882 | 165.142853 | 17.555761 | 9.406761 |
| 215.303580 | -11.709539 | 235.227585 | 25.652166 | 9.169891 |
| 215.120880 | -11.586736 | 103.714287 | 11.672038 | 8.885705 |
| 215.099809 | -11.633010 | 121.285713 | 14.969124 | 8.102392 |
| 215.035511 | -11.743063 | 142.708328 | 19.073523 | 7.482012 |
| 215.097104 | -11.616367 | 51.954544 | 9.920620 | 5.237026 |
| 215.047767 | -11.821014 | 120.306816 | 23.354252 | 5.151388 |