# Chandra X-ray Center

Seq Num: 500274

Instrument: ACIS

Obs ID: 3673

Source: GRB020531

PI: Dr. george Ricker

Title: LOCALIZATION OF OPTICALLY-DARK GAMMA-RAY BURSTS BY CHANDRA AND HST

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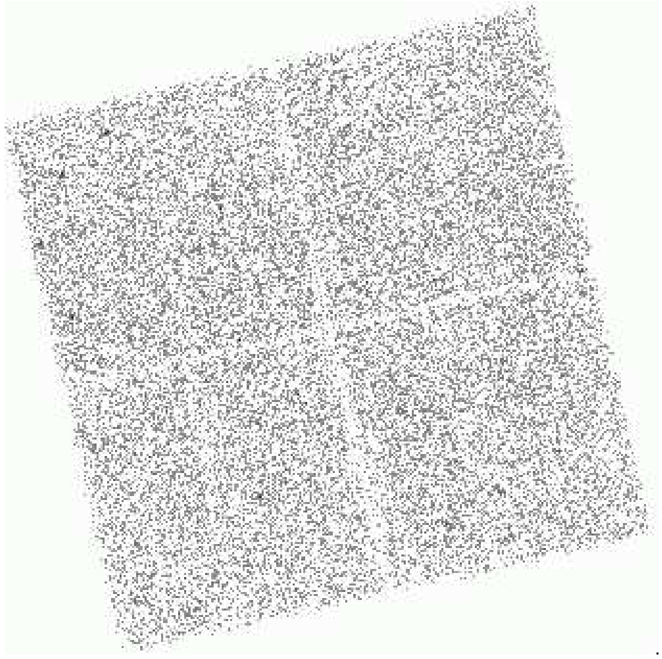
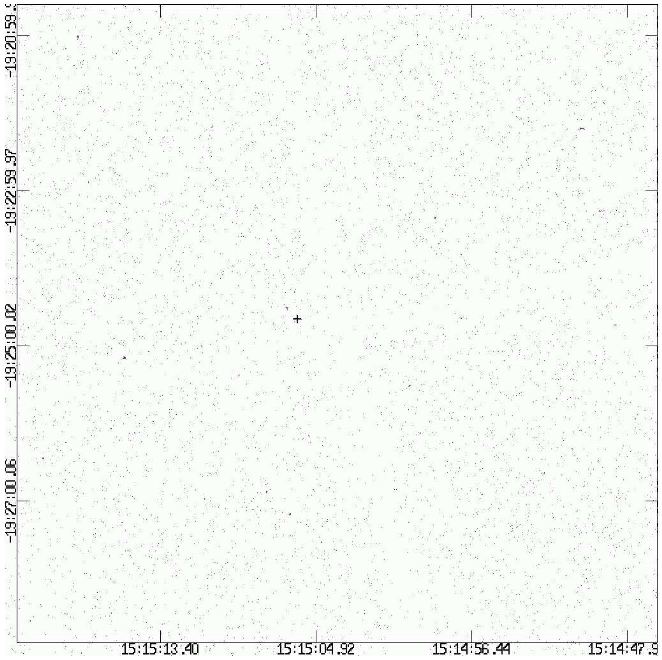
acisf03673N003 full img2.fits



acisf03673N003 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-09-19T09:13:45 | Date and time of file creation |
| DATE-OBS | 2002-06-10T20:59:00 | Observation start date |
| DATE-END | 2002-06-11T00:13:40 | Observation end date |
| RA_PNT | 228.77473459933 | Pointing RA |
| DEC_PNT | -19.410962311534 | Pointing Dec |
| ROLL_PNT | 257.47159666136 | Pointing Roll |
| RA_TARG | 228.767083 | Observer's specified target RA |
| DEC_TARG | -19.413472 | 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 |

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| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-09-19T09:26:13 | Date and time of file creation |
| DATE-OBS | 2002-06-10T20:59:00 | Observation start date |
| DATE-END | 2002-06-11T00:13:40 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-0123 | Detector |
| GRATING | NONE | Grating |
| OBJECT | GRB020531 | Source name |
| TITLE | LOCALIZATION OF OPTICALLY-DARK GAMMA-RAY BURSTS BY CHANDRA AND HST | |
| OBSERVER | Dr. george Ricker | Principal investigator |
| OBS_ID | 3673 | Observation id |
| SEQ_NUM | 500274 | Sequence number |
| RA_NOM | 228.77473459933 | Nominal RA |
| DEC_NOM | -19.410962311534 | Nominal Dec |
| ROLL_NOM | 257.47159666136 | Nominal Roll |

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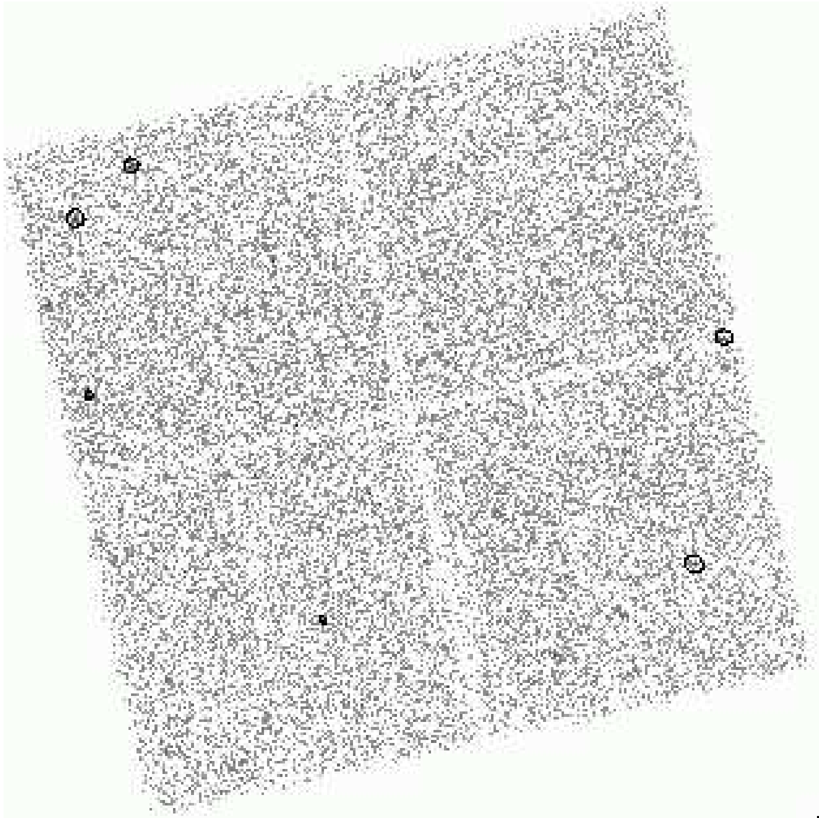
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 228.912214 | -19.333036 | 37.384998 | 8.652469 | 4.320732 |
| 228.906611 | -19.407371 | 32.397728 | 7.798734 | 4.154229 |
| 228.887573 | -19.311111 | 31.795454 | 8.437037 | 3.768557 |
| 228.637200 | -19.477839 | 23.159090 | 6.548740 | 3.536419 |
| 228.623960 | -19.382995 | 23.318182 | 6.917390 | 3.370951 |
| 228.813946 | -19.419257 | 20.714285 | 6.496838 | 3.188364 |
| 228.802163 | -19.501485 | 21.318182 | 6.742664 | 3.161685 |