# Chandra X-ray Center

Seq Num: 400344

Instrument: ACIS

Obs ID: 4561

Source: XTE J1751-305

PI: Dr. Rudy Wijnands

Title: Chandra observations of accretion-driven millisecond X-ray pulsars in quiescence

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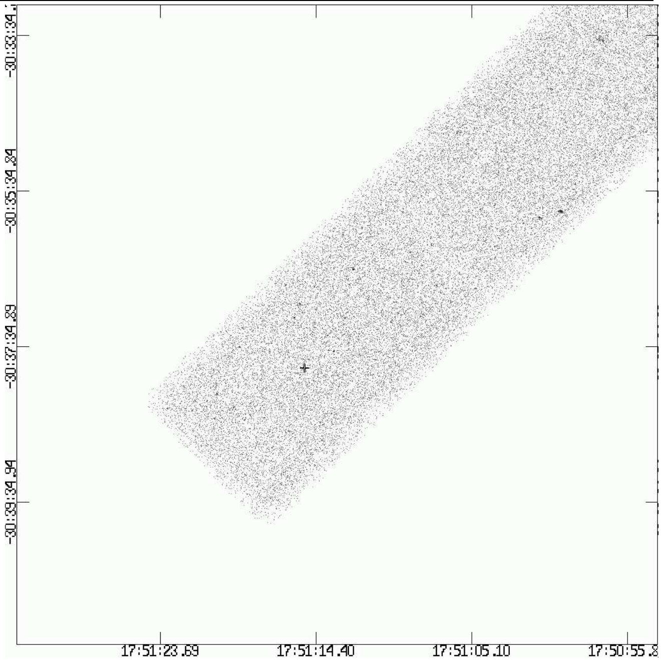
acisf04561N002 full img2.fits

acisf04561N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.2 | ASCDS version number |
| DATE | 2006-05-23T21:22:16 | Date and time of file creation |
| DATE-OBS | 2004-06-26T07:59:34 | Observation start date |
| DATE-END | 2004-06-26T21:11:06 | Observation end date |
| RA_PNT | 267.81274222768 | Pointing RA |
| DEC_PNT | -30.631026940159 | Pointing Dec |
| ROLL_PNT | 315.4985733631 | Pointing Roll |
| RA_TARG | 267.80625 | Observer's specified target RA |
| DEC_TARG | -30.623167 | Observer's specified target Dec |
| DATAMODE | FAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.2848053 | Focal Plane Temperature [K] |
| FSW_VERS | 31 | ACIS flight software version number |

| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.2 | ASCDS version number |
| DATE | 2006-05-23T22:29:25 | Date and time of file creation |
| DATE-OBS | 2004-06-26T07:59:34 | Observation start date |
| DATE-END | 2004-06-26T21:11:06 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-7 | Detector |
| GRATING | NONE | Grating |
| OBJECT | XTE J1751-305 | Source name |
| TITLE | Chandra observations of accretion-driven millisecond X-ray pulsars in quiescence | Proposal title |
| OBSERVER | Dr. Rudy Wijnands | Principal investigator |
| OBS_ID | 4561 | Observation id |
| SEQ_NUM | 400344 | Sequence number |
| RA_NOM | 267.81274222768 | Nominal RA |
| DEC_NOM | -30.631026940159 | Nominal Dec |
| ROLL_NOM | 315.4985733631 | Nominal Roll |

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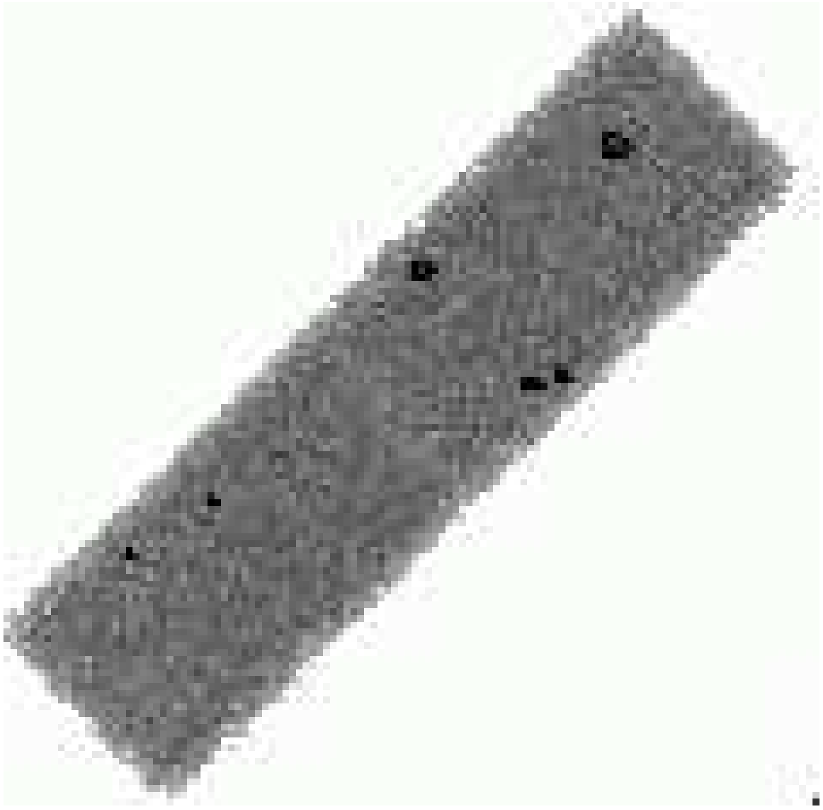
Full Field with Sources



List of the Brighest Sources in the Field

| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
|---|---|---|---|---|
| 267.748811 | -30.597334 | 88.000000 | 13.830882 | 6.362573 |
| 267.800492 | -30.609760 | 43.714287 | 8.318489 | 5.255075 |
| 267.805393 | -30.627358 | 32.428570 | 7.771089 | 4.172976 |
| 267.754251 | -30.598790 | 48.571430 | 11.870944 | 4.091623 |
| 267.815242 | -30.620170 | 30.428572 | 7.619089 | 3.993728 |
| 267.738583 | -30.560505 | 57.522728 | 15.628508 | 3.680628 |
| 267.774599 | -30.580622 | 37.428570 | 10.860591 | 3.446274 |
| 267.813741 | -30.617267 | 26.571428 | 8.090422 | 3.284307 |
| 267.828919 | -30.626335 | 24.142857 | 7.397846 | 3.263498 |
| 267.828851 | -30.626443 | 23.142857 | 7.317101 | 3.162845 |