# Chandra X-ray Center

Seq Num: 600216

Instrument: ACIS

Obs ID: 2879

Source: NGC5866 (M102)

PI: Dr. Craig Sarazin

Title: RESOLVING THE X-RAY BINARY POPULATION IN EARLY-TYPE GALAXIES

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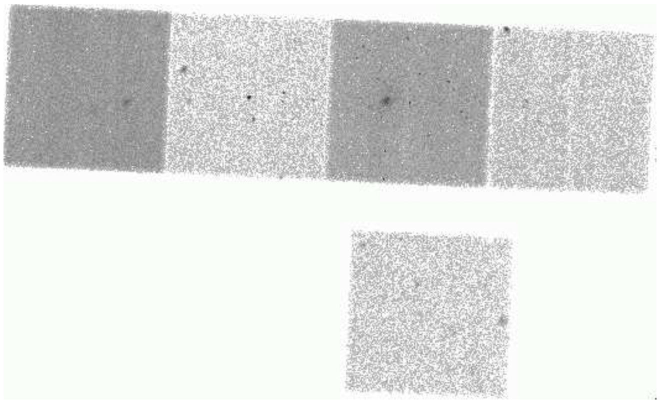
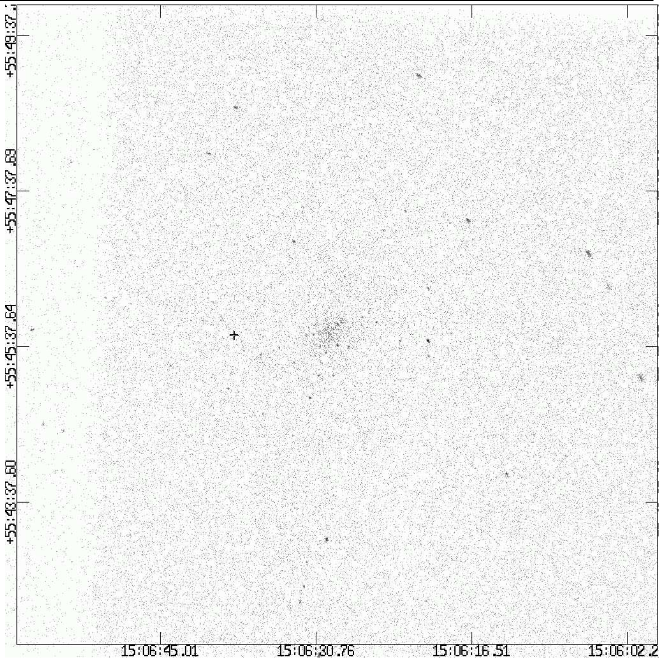
acisf02879N002 full img2.fits



acisf02879N002 cntr img2.fits



| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-10-09T14:35:13 | Date and time of file creation |
| DATE-OBS | 2002-11-14T02:37:38 | Observation start date |
| DATE-END | 2002-11-14T12:40:03 | Observation end date |
| RA_PNT | 226.65938067383 | Pointing RA |
| DEC_PNT | 55.762873602508 | Pointing Dec |
| ROLL_PNT | 2.5436164171563 | Pointing Roll |
| RA_TARG | 226.6225 | Observer's specified target RA |
| DEC_TARG | 55.763694 | 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 | 2006-10-09T15:12:22 | Date and time of file creation |
| DATE-OBS | 2002-11-14T02:37:38 | Observation start date |
| DATE-END | 2002-11-14T12:40:03 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-35678 | Detector |
| GRATING | NONE | Grating |
| OBJECT | NGC5866 (M102) | Source name |
| TITLE | RESOLVING THE X-RAY BINARY POPULATION IN EARLY-TYPE GALAXIES | Propo |
| OBSERVER | Dr. Craig Sarazin | Principal investigator |
| OBS_ID | 2879 | Observation id |
| SEQ_NUM | 600216 | Sequence number |
| RA_NOM | 226.65938067383 | Nominal RA |
| DEC_NOM | 55.762873602508 | Nominal Dec |
| ROLL_NOM | 2.5436164171563 | Nominal Roll |

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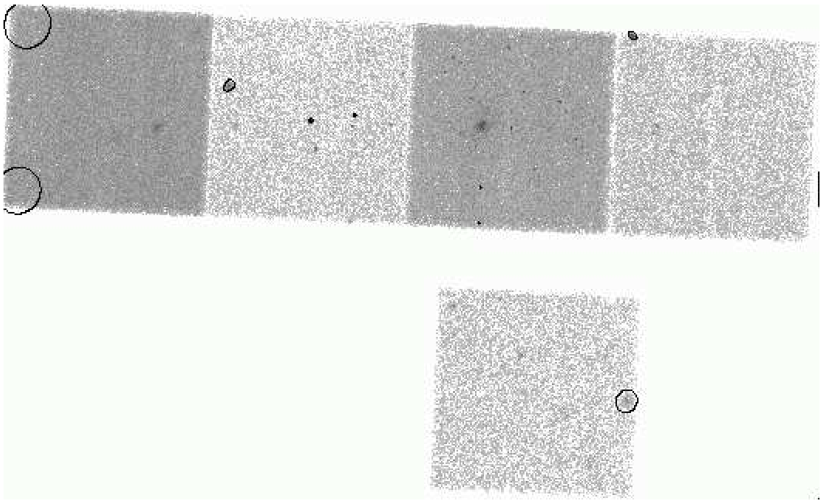
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 226.837631 | 55.766590 | 421.318176 | 25.466047 | 16.544310 |
| 226.432789 | 55.826511 | 307.863647 | 20.542112 | 14.986952 |
| 227.205105 | 55.716011 | 742.534912 | 53.860779 | 13.786189 |
| 227.195474 | 55.833714 | 604.332214 | 53.720314 | 11.249603 |
| 226.940932 | 55.791036 | 189.899994 | 18.238943 | 10.411788 |
| 226.585372 | 55.761748 | 140.428574 | 14.372272 | 9.770799 |
| 226.442037 | 55.568295 | 159.078430 | 17.460239 | 9.110897 |
| 226.783516 | 55.770477 | 110.857140 | 12.492830 | 8.873661 |
| 226.623925 | 55.719181 | 114.000000 | 13.063948 | 8.726305 |
| 226.626841 | 55.694356 | 125.000000 | 14.403551 | 8.678415 |