# Chandra X-ray Center

Seq Num: 200032

Instrument: HRC

Obs ID: 607

Source: WR 147

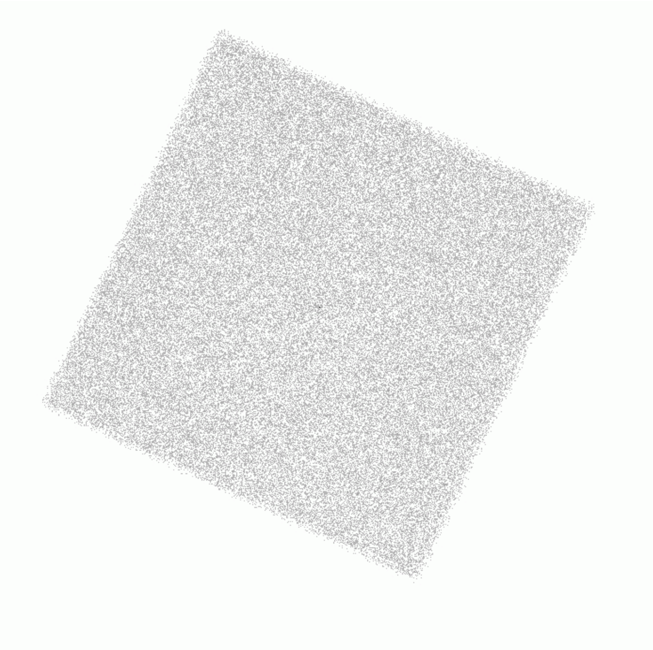
PI: Dr Julian Pittard

Title: DIRECT HRC-I IMAGING OF THE COLLIDING WINDS SHOCK IN WR 147

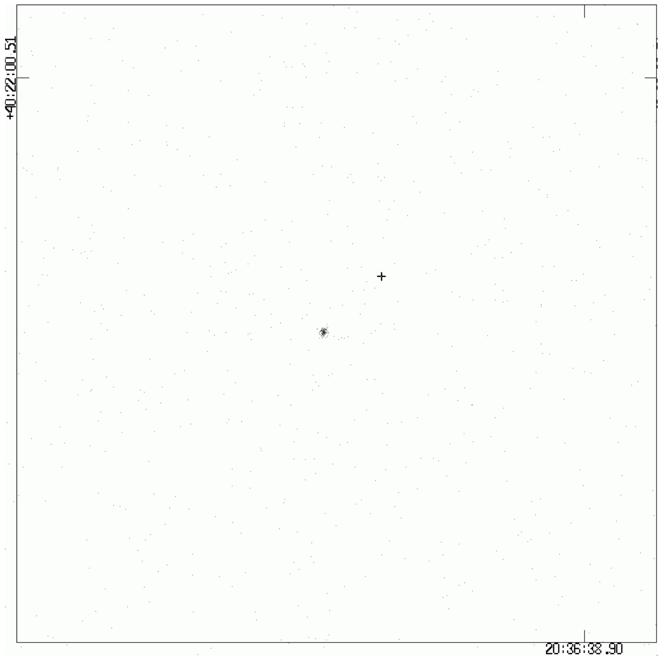
---

---

hrcf00607N005 full img2.fits



hrcf00607N005 cntr img2.fits



# Chandra X-ray Center

Seq Num: 200032

Instrument: HRC

Obs ID: 607

Source: WR 147

PI: Dr Julian Pittard

Title: DIRECT HRC-I IMAGING OF THE COLLIDING WINDS SHOCK IN WR 147

| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.11.2 | Processing system revision |
| DATE | 2007-11-20T12:51:08 | Date and time of file creation |
| DATE-OBS | 2000-07-10T12:11:15 | Observation start date |
| DATE-END | 2000-07-10T14:09:18 | Observation end date |
| RA_PNT | 309.17739580374 | Pointing RA |
| DEC_PNT | 40.35535502453 | Pointing Dec |
| ROLL_PNT | 160.31978780572 | Pointing Roll |
| RA_TARG | 309.18125 | Observer's specified target RA |
| DEC_TARG | 40.352222 | Observer's specified target Dec |
| DEGAP | hrciD1999-07-22gaplookupN0003.fits | |

| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.11.2 | Processing system revision |
| DATE | 2007-11-20T13:04:35 | Date and time of file creation |
| DATE-OBS | 2000-07-10T12:11:15 | Observation start date |
| DATE-END | 2000-07-10T14:09:18 | Observation end date |
| INSTRUME | HRC | Instrument |
| DETNAM | HRC-I | Detector |
| GRATING | NONE | Grating |
| OBJECT | WR 147 | Source name |
| TITLE | DIRECT HRC-I IMAGING OF THE COLLIDING WINDS SHOCK IN WR 147 | Propos |
| OBSERVER | Dr Julian Pittard | Principal investigator |
| OBS_ID | 607 | Observation id |
| SEQ_NUM | 200032 | Sequence number |
| RA_NOM | 309.17739580374 | Nominal RA |
| DEC_NOM | 40.35535502453 | Nominal Dec |
| ROLL_NOM | 160.31978780572 | Nominal Roll |

# Chandra X-ray Center

Seq Num: 200032

Instrument: HRC

Obs ID: 607

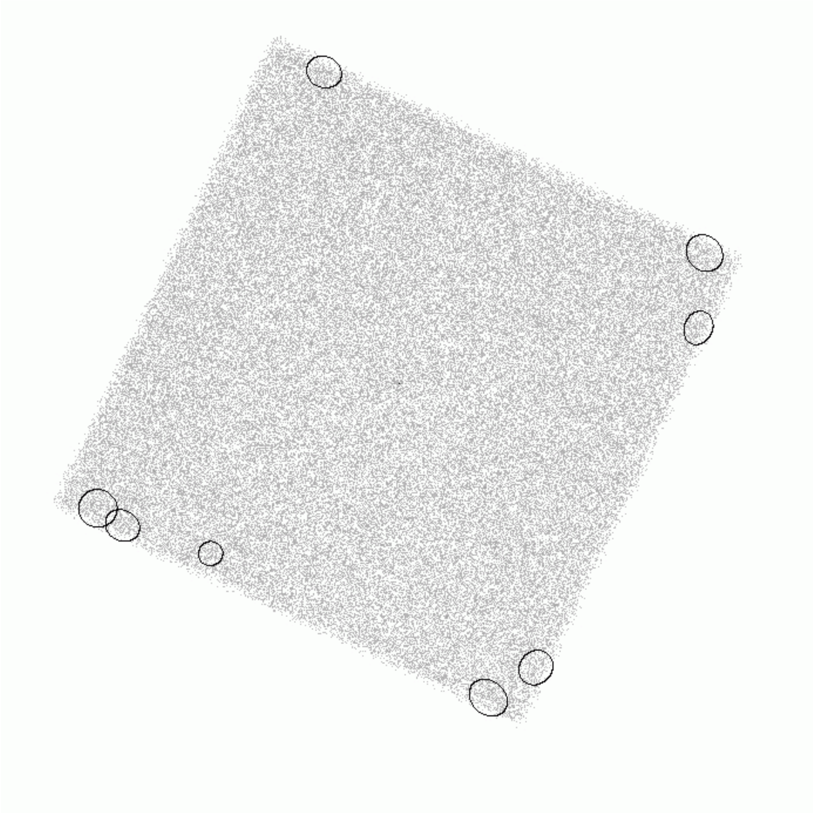
Source: WR 147

PI: Dr Julian Pittard

Title: DIRECT HRC-I IMAGING OF THE COLLIDING WINDS SHOCK IN WR 147

---

Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 309.181715 | 40.352146 | 118.541664 | 13.262454 | 8.938140 |
| 309.544035 | 40.209208 | 69.122925 | 17.943220 | 3.852314 |
| 309.428618 | 40.181566 | 53.406895 | 14.496511 | 3.684121 |
| 308.781205 | 40.481058 | 69.906975 | 19.829596 | 3.525386 |
| 309.576268 | 40.226330 | 75.191490 | 21.469734 | 3.502209 |
| 309.003807 | 40.067869 | 62.511627 | 18.284840 | 3.418768 |
| 308.789690 | 40.406533 | 56.684822 | 17.012959 | 3.331861 |
| 309.125278 | 40.356386 | 19.000000 | 5.949306 | 3.193650 |
| 309.280987 | 40.662465 | 63.142857 | 20.251404 | 3.117949 |
| 309.065923 | 40.037990 | 60.485371 | 19.707457 | 3.069162 |