

# V&V Summary Report

## L2 ASCDS Version : 7.6.9

Observation 1970 - L2 Version 001  
Chandra X-Ray Center

L2 Processing Date : Dec 15 2006

See axaff01970N001\_VV001\_vvref2.pdf for the full report

|                            |            |
|----------------------------|------------|
| V&V Scientist              | Jen Lauer  |
| V&V Date (YYYY-MM-DD)      | 2006.12.15 |
| V&V Edition                | 1          |
| V&V Disposition and Status | OK         |
| V&V Charge Time            | 30.166     |

## Comments

Monitor constraint is violated. Requested monitor window is 180 to 190 days after Obsid 1969. Obsid 1970 is actually observed 138 days after 1969.

CDO response: The time constraint was indeed violated for this observation. However, the target in the second observation was not as bright as the observers predicted, so they are quite happy with the 3rd observation a little early. There is no need to reschedule this.

|          |  |
|----------|--|
| seq_num  | 500147   |
| obs_id   | 1970   |
| title    | CONTINUING CHANDRA OBSERVATIONS OF THE X-RAY SUPERNOVAE SN 1999EM AND SN 1998S |
| observer | Prof. Walter Lewin   |
| object   | SN 1999EM  |
| dtcycle  | 0  |
| cycle    | P  |
| ra_targ  | 70.362917  |
| dec_targ | -2.862694  |
| ra_nom   | 70.36010130953   |
| dec_nom  | -2.8533434392402   |
| roll_nom | 116.93927784793  |
| revision | 2  |
| ontime   | 30166.400028095  |
| livetime | 29784.414906914  |
| ontime2  | 30163.159067839  |
| ontime3  | 30166.400028095  |
| ontime5  | 30166.400028095  |
| ontime6  | 30166.400028095  |
| ontime7  | 30166.400028095  |
| ontime8  | 30166.400028095  |
| l2events | 305021   |

