



**IC 1318 - Gamma Cygni**

Date/time:

06.08.2010 00:35 to 08.08.2010 02:55

Az./Alt. positions: 182° / 87° to 276° / 63°

Ambient conditions: 18°C, transparency 4/5, seeing 5/5

Location: Villa Tatti, Tuscany, Italy

### **Equipment:**

Telescope: Deltagraph 300mm f/3.3

Mount: CGE

Camera: SXVF-M25C

Guiding scope: Orion short tube 80mm f/5

Guiding camera: ATIK 16IC

Filters: IDAS LPS

### **Acquisition:**

Software: Maxim DL 5

FOV, Image scale: 62.5 x 54.8 arcmin, 1.62 arcs/pixel

Sub-exposures: 90 min (30 x 3min) light frames

No darks, 100 bias, 50x0.2s flats

### **Processing:**

Images Plus 3.75: Calibration of light frames with bias and flats, DDP

Maxim DL: Stacking of calibrated frames with SDMask, color balance R85:G100:B120

CS3: Curves and Levels, Carbonis Actions, GradientXterminator

### **Comments:**

In this test image Sadr is overexposed. Multiple exposures of different lengths could help to mitigate the unwanted reflections from this star. The air was incredibly stable, and th tracking was superb. In fact we have round stars all over the frame, an exception during those days.

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