Information on defect # 11780

Defect #	11780	**Fault type**	Support Astronomy	**Severity**	Moderate	**Time Lost (hours)**	0
Date Reported	14-Apr-1999	**Time Reported**	03:49	**Date Occurred**	14-Apr-1999	**Time Occurred (24 hour clock)**	03:00
Site	JKT	**Instrument**	CCDImaging(JKT)	**System**	Detector	**Originator**	W.Tschager
Observer	W.Tschager	**Support Astr.**		**Tel. Op.**		**Duty Tech.**	

Title 70-arcsec-ring ghost image

Description r76265: In the NE angle of the exposure there is a "ghost" image visible. Its form is ringlike. r76266: Some problem even here. r76267 (other object): Faint ring (like in r76265)

Assigned to		**Assigned date**		**Priority**	**Repair Time (days)**	0
Status	Observation	**Sub-system**			

Workaround

History Entry: 1, s.smartt spent 0.2 hours and wrote on 14-Apr-1999
I had a look at the frames - this is almost certainly an out of focus image of a bright object nearby which has bounced off the struts of the telescope. this sort of effect has been seen before on the JKT. Nothing can be done about this apart from constructing some good baffling around the support structure as a long-term measure. If this pointing direction is crucial, and the effect reeappears, then try tweaking the telescope position to get rid of the image, small movements will effect the light path of the scattered image and possibly put the image just off the CCD
Total time spent on this fault: 0.2 hours

Example Files