### Centroid fitting and quantifying various offsets





#### Centroiding Stats: 03mar frame 8 (flats: 03mar10010, 03mar30009)



## Optimising the pointing model



- Optical distortion model fitting is done by Tony Farrell (AAO, — Macquarie University), using the offsets from the centroid-fitting to the data
- Multiple observations are needed for the model fitting. —



# Optimising the pointing model







# Optimising the pointing model

- \_
- —
- —
- \_

Optical distortion model fitting is done by Tony Farrell (AAO, Macquarie University), using the offsets from the centroid-fitting to the data

Multiple observations are needed for the model fitting.

Top plot: combined raw offsets (dominated by rotation)

Bottom left plot: residuals after fitting the optical distortion model

