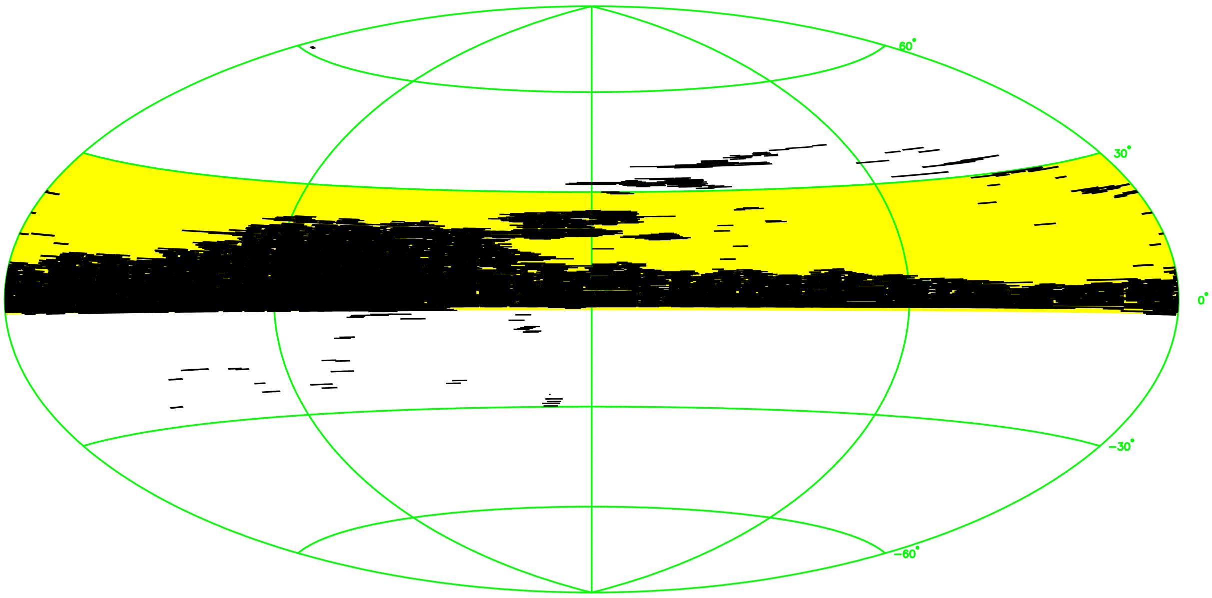
Carlsberg Meridian Telescope

Telescope:	La Palma
	17.8 cm objective
	266 cm focal length
Camera:	Kodak (KAF-4202 Grade:C1)
	2060$\times$2048
	Pixel size 9μm (0.7$''$)
	CUO built
	Operating temperature -30°C
System:	Automatic and remotely controlled
	Drift scans ($\sim$3 Gb per night)
	Automatically parameterized (6-7 Mb)
	Daily reductions take about 30 min.
	70,000 stars observed per night
	Calibrated with respect to Tycho 2
	Magnitude limit Sloan r' =17



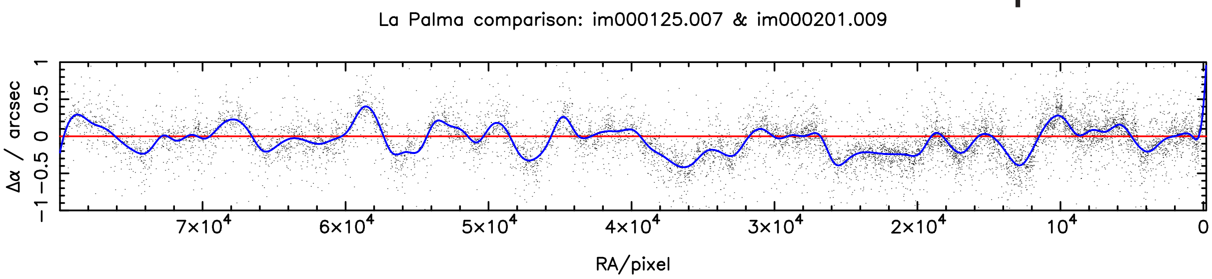
CMT Errors for a single observation

r'	Ext	Int		Ext	
	m	α	δ	α	δ
12	0.02	29	28		
13	0.035	32	31	57	53
14	0.045	38	35	69	60
15	0.09	65	50	95	76
16	0.19	118	95	141	113

Units: mag or mas

Interesting “features”

Fluctuations: Atmospheric



CTE calibration:

Illumination
Electronics
Temperature