

DAY 1		Theme: basic detector checks, flats (including 4-angle test in g)		
Day 6 june (157) John				
Seq	Local time	Activity	Comment	
		Prepare daytime activities	<i>Daily:</i> -readnoise -bias -quickcheck (r_SDSS) <i>Once:</i> -gainlinearity (z_SDSS) <i>As needed:</i> -domeflats (minimally key bands) -skyflats (minimally key bands)	
		Questions for Duncan	-telescope at 85 degrees at end of night? Will do. -how to change rotator, what of normal position? Try for only twilights with Duncan. -can offsetting be done with new coordinates or only arcsec offsets? For now, new coordinates.	
		VST/OMEGACAM status	-defogging system warning reported to Andrea by VST people -shutter problem reported by VST people this morning, status unknown -no automatic VST opening tonight, but will have proper support tomorrow night. Stefan will help as much as possible. -stair interlock bars appear to have been removed.	
Bias157 11-12	17:15	Readnoise template		

NIGHT 1		Theme: secondary standards on SA107, linearity+ on SA113		
Night 6/7 June (157/158)		conditions: clear and windy, poor seeing (~3 arcsec)		
John				
Seq	Local time	Activity	Comment	
		Prepare nighttime activities	-32-chips in z, i, r, V, g, B, u (optimized offsets) -linearity z, i	
			Delays due to PULPO shutter error from this morning. Paranal support trying to figure it out.	
Obs158 1-2	21:15	Test exposures in r 20 sec	Out of focus	
Obs158 3	21:45	Pre-focus exposure in r 5 sec	Move to Polar field	
Focus158 1	21:45	Focus sequence in r 5 sec	High winds give a restriction for pointing North	
Obs158 4	21:50	Pre-focus exposure in r 5 sec	Very poor seeing (~3.5 arcsec)	
Focus158 2	21:50	Focus sequence in r 5 sec		
Obs158 5-37	22:00	32 offsets in r 75 sec	The nature of polar coordinate system gives a fanned layout instead of square. Must try away from pole.	
Obs158 38	23:05	Pre-focus exposure in r 5 sec		
Focus158 3	23:05	Focus sequence in r 5 sec		

Obs158 39	23:10	Pre-focus exposure in r 5 sec		
Focus158 4	23:10	Focus sequence in r 5 sec		
Std158 1-6	23:20	Monit template in key, z, and ugri		
Obs158 40	00:00	Pre-focus exposure in r 5 sec		
Focus158 5	00:00	Focus sequence in r 5 sec		
Obs158 41-42	00:10	32 offsets in r 75 sec	Move to random field near zenith to test the optimal offsetting value: 15:40:03 -28:53:01 aborted to test presetting to coordinates from template: didn't work, but didn't error!	
Obs158 43-75	00:20	32 offsets in r 75 sec	The test appears completely successful! The central asterism was placed on all chips in the order of their placement in the MEF. There was also a very bright star that caused some reflections.	
Obs158 76	01:45	Pre-focus exposure in r 5 sec	Move to polar field	
Focus158 6	01:45	Focus sequence in r 5 sec	No good focus found due to large changes in seeing during sequence	
Obs158 77	01:50	Pre-focus exposure in r 5 sec		
Focus158 7	01:50	Focus sequence in r 5 sec	Using old values as no convergence was possible	

Std158 7-12	02:00	Monit template in key, z, and ugri		
Std158 13-18	03:00	Monit template in key, z, and ugri		
Obs158 78	03:25	Pre-focus exposure in r 5 sec		
Focus158 8	03:25	Focus sequence in r 5 sec	Using old values as no convergence was possible	
Std158 19-24	03:35	Monit template in key, z, and ugri		
Obs158 79	04:30	Pre-focus exposure in r 5 sec		
Focus158 9	04:30	Focus sequence in r 5 sec	Using old values as no convergence was possible	
Obs158 10-11	04:40	Test for photom linearity stare in r 75 sec	Polar field	
Obs158 12-13	04:45	Photom linearity stare in r 10 sec		
Obs158 12-13	04:50	Photom linearity stare in r 100 sec		
Obs158 12-13	04:55	Photom linearity stare in r 400 sec		
Obs158 12-13	05:10	Photom linearity stare in r 800 sec	Seeing for all is > 3 arcsec	
	05:40	Started daily and weekly checks, and calibrations templates to run through the morning	From Stefan's calobBuild script	