

<b>DAY 4</b>		<b>Theme: check FIERA filter settings</b>		
<b>Day 02 may (122)</b>				
<b>Ewout/Bernard</b>				
<b>Seq</b>	<b>Local time</b>	<b>Activity</b>	<b>Comment</b>	
<b>Flat122 6-16</b>	7:30	Skyflat tests in i and z, 2.0s	Twilight software uses MIDAS. Takes 1 test exposure (so NEXP appears to be 6) to predict next exposure time. If outcome > 50s, it will reject.	
<b>Flat122 17-20</b>	7:35	Skyflat i'	Counts ~40000ADU, requested 20000ADU in template. Unable to complete 5 exposures. Dome must be closed 15min before sunrise.	
<b>Bias122 1-2</b>	8:01	Read noise	Readnoise, Bias, Quickcheck: OMEGACAM_Daily_Health.obd	
<b>Bias122 3-12</b>	8:02	Bias		
<b>Flat122 21</b>	8:16	Quick Check	Works Ok. Lamp warms up (5mins) while filter is placed (1min). Stays on afterwards.	
<b>Flat122 22</b>	8:20	Dome flat Johnson B, to check exposure level/time, 0.5s	Result: take 3.5s exposures	
<b>Flat122 23</b>	8:22	Dome flat Johnson V, to check exposure level/time, 0.5s	Result: take 1.0s exposures	
<b>Flat122 24-28</b>	8:24	Dome flats Johnson B, 3.5s	Counts ~20000ADU. Ok.	
<b>Flat122 29-33</b>	8:34	Dome flats Johnson V, 1.0s	Counts ~25000ADU, maybe put exptime to 0.8s or 0.9s next. OTOH vignetting near central cross.	

<b>Flat122 34-35</b>	8:41	Gain	Aborted after 2 exposures. Again exposure time is stuck at 0.2s.	
<b>Flat122 36</b>	8:44	Dome flat opaque to check light tightness (shimmed), 300s	There is light leakage (~50 ADU) visible on the right half of mosaic.	
			Bernard went to dome to fiddle with dome lights. Interrupted by Ewout, want to do dome flats g,r,i afterall because of pictures taken tonight, and no twilight flats.	
<b>Flat122 37-41</b>	9:18	Dome flats in g'		
<b>Flat122 42-46</b>	9:24	Dome flats in r'		
<b>Flat122 47-51</b>	9:30	Dome flats in i'		
			Work on reshimming started - completed. <b>Instrument restarted.</b>	
<b>Bias122 13-14</b>	15:45	Readnoise		
<b>Bias122 15-24</b>	15:47	Bias		
<b>Flat122 52</b>	16:00	Quick check in r	Bug in TSF: 0.5s requested, 0.0s actual	
<b>Flat122 53</b>	16:37	Quick check in r	Correct	
<b>Flat122 54-73</b>	16:40	Gain in z	To determine effect of detector settings changed by Olaf/Christoph	
	16:00	Daily meeting in control room	-tilt data revealed wrong tilt sign -mostly PR images -tested FIERA filter setting on sky	



<b>NIGHT 4</b>		<b>Theme: check tilt correction, guiding, illumination correction, astrometric solutions</b>		
<b>Night 02/03 may (122/123)</b>		<b>conditions: clear, good seeing</b>		
<b>Ewout/John/Koen</b>				
<b>Seq</b>	<b>Local time</b>	<b>Activity</b>	<b>Comment</b>	
<b>Flat122 10-15</b>	19:40	Sky flat template in z sequence		
<b>Flat122 16-17</b>	20:40	Sky flat template in z 1 sec	For testng purposes only	
<b>Obs123 1</b>	22:15	Test exposure in u 0 sec		
<b>Obs123 2-5</b>	22:20	Test exposures in u	To keep shutter open for guiding tests	
<b>Obs123 6</b>	00:15	Pre-focus exposure in r 7 sec		
<b>Focus123 1</b>	00:15	Focus sequence in r 7 sec	Initial focus too poor?	
<b>Obs123 7</b>	00:25	Pre-focus exposure in r 7 sec		
<b>Focus123 2</b>	00:25	Focus sequence in r 7 sec		
<b>Obs123 8</b>	00:25	Pre-focus exposure in r 7 sec		
<b>Focus123 3</b>	00:25	Focus sequence in r 7 sec	-90 degrees rotator	
<b>Obs123 9</b>	00:35	Pre-focus exposure in r 7 sec		

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<b>Focus123 4</b>	00:35	Focus sequence in r 7 sec	0 degrees rotator	
<b>Obs123 10</b>	00:45	Pre-focus exposure in r 7 sec		
<b>Focus123 5</b>	00:45	Focus sequence in r 7 sec	90 degrees rotator	
<b>Obs123 11</b>	00:50	Pre-focus exposure in r 7 sec		
<b>Focus123 6</b>	00:50	Focus sequence in r 7 sec	180 degrees rotator	
	01:00	Stare template in r 60 sec	Telescope presets and tries to autoguide	
<b>Obs123 12</b>	01:45	Stare template in r 60 sec	Andrea appears to have fixed a long standing bug concerning guiding and ADC keywords.	
<b>Obs123 13-14</b>	01:50	Test exposures in r 5 sec		
<b>Obs123 15</b>	02:00	Stare template in r 60 sec	For mosaic astrometry	
<b>N/A</b>	02:05	Ocamag acq in r 60 sec	For auto guide CCDs astrometry LOCAL IMAGE ONLY	
<b>N/A</b>	02:05	Ocamia acq in r 60 sec	For image analysis CCDs astrometry LOCAL IMAGE ONLY	
<b>Obs123 16</b>	02:15	Pre-focus exposure in r 7 sec		
<b>Focus123 7</b>	02:15	Focus sequence in r 7 sec		
<b>Std123 1</b>	02:20	Zp template in r 75 sec	For illumination correction	

<b>Std123 2</b>	02:25	Zp template in i 115 sec	For illumination correction	
<b>Std123 3</b>	02:30	Zp template in u 110 sec	For illumination correction	
<b>Std123 4</b>	02:35	Zp template in g 60 sec	For illumination correction	
<b>Std123 5</b>	02:40	Zp template in ugri 100 sec	For illumination correction	
<b>Std123 6</b>	02:45	Zp template in z 115 sec	For illumination correction	
<b>Std123 7</b>	02:50	Zp template in B 75 sec	For illumination correction	
<b>Std123 8</b>	02:50	Zp template in V 75 sec	For illumination correction	
<b>Obs123 17</b>	02:55	Pre-focus exposure in V 7 sec	Checking focus offsets	
<b>Focus123 8</b>	02:55	Focus sequence in V 7 sec	Checking focus offsets	
<b>Obs123 18</b>	03:00	Pre-focus exposure in B 7 sec	Checking focus offsets	
<b>Focus123 9</b>	03:00	Focus sequence in B 7 sec	Checking focus offsets	
<b>Obs123 19</b>	03:10	Pre-focus exposure in z 7 sec	Checking focus offsets	
<b>Focus123 10</b>	03:10	Focus sequence in z 7 sec	Checking focus offsets	
<b>Obs123 20</b>	03:15	Pre-focus exposure in i 7 sec	Checking focus offsets	

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<b>Focus123 11</b>	03:15	Focus sequence in i 7 sec	Checking focus offsets	
<b>Obs123 21</b>	03:20	Pre-focus exposure in r 7 sec	Checking focus offsets	
<b>Focus123 12</b>	03:20	Focus sequence in r 7 sec	Checking focus offsets	
<b>Obs123 22</b>	03:30	Pre-focus exposure in g 7 sec	Checking focus offsets	
<b>Focus123 13</b>	03:30	Focus sequence in g 7 sec	Checking focus offsets	
<b>Obs123 23</b>	03:35	Pre-focus exposure in u 7 sec	Checking focus offsets	
<b>Focus123 14</b>	03:35	Focus sequence in u 7 sec	Checking focus offsets	
<b>Std123 9</b>	03:50	Monit template	Double exposure due to a tracking glitch	
<b>Obs123 24-28</b>	04:05	Dither template in r 360 sec	KIDS field	
<b>Obs123 29-33</b>	04:40	Dither template in g 180 sec	KIDS field	
<b>Obs123 34-38</b>	05:00	Dither template in u 180 sec	KIDS field	
<b>Obs123 39-43</b>	05:20	Dither template in i 200 sec	KIDS field	
<b>Obs123 44-48</b>	06:00	Dither template in i 200 sec	KIDS field	
<b>Obs123 49-51</b>	06:25	Dither template in r 360 sec	KIDS field (only 3 exposures due to poor focus)	

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<b>Obs123 52</b>	06:45	Pre-focus exposure in r 7 sec		
<b>Focus123 15</b>	06:45	Focus sequence in r 7 sec		
<b>Obs123 53</b>	06:55	Pre-focus exposure in r 7 sec		
<b>Focus123 16</b>	06:55	Focus sequence in r 7 sec		
<b>Obs123 54-55</b>	07:00	Dither template in r 360 sec	KIDS field (the remaining 2 exposures	