

Palomar LGSAO test schedule
5 - 7 September 2006 (local)

v2.0: 09/06/06 - AB

Test #	PDT start	PDT end	suns	12°	LST	12°	sunr	Obs mode	Target	Description / Prerequisites	Priority	Duration	Lead	Clear sky	Laser
09/06/06			19:15	20:02	23:18	5:30	6:18								
	14:00	14:30	status and safety meeting									0.50			
1	16:00	18:00	Measure BTO transmission			closed	zen	Measure BTO transmission at 589nm (need IR blocker?)			3	2.00	AB		
	18:00	19:00	<i>dinner</i>								1	1.00			
2	19:30	20:00	AO Checkout			NGS	V=8	check seeing, NGS performance.			3	0.50	AB	N	N
3	20:00	21:30	LLT boresighting			NGS	V=8	Adjust LLT pointing to match 200"			3	1.50	RD	N	N
4	21:30	23:30	LGS characterization			LGS	zen	Project laser at zenith, focus, optimize & photometry.			1	2.00	MT	Y	Y
5	23:30	1:30	LGS performance (bright star)			LGS	V=10	Optimize...			1	2.00	AB	Y	Y
6	1:30	2:30	LGS performance (faint star)			LGS	V=16	Optimize...			2	1.00	AB	Y	Y
7	2:30	3:00	Impact of Raleigh on LOWFS			LGS	zen				2	0.50	JR	Y	Y
8	3:00	5:30	LGS science demo observations			LGS	V=15	Image 2-3 science targets.			2	2.50	AB	Y	Y
9/6/06 NGS backup															
5	23:30	1:30	LOWFS performance			NGS	V=16	include Acq. Cam sensitivity.			2	2.00	JR	Y	N
6	1:30	3:30	Faint NGS performance			NGS	V=14				2	2.00	CS	N	N
7	3:30	4:30	NGS flat maps			NGS	V=8				2	1.00	CS	N	N
8	4:30	5:30	Acquisition camera sensitivity			NGS	stars				3	1.00	AB	Y	N
9	5:30	6:00	SSM field of regard			NGS	V=10				3	0.50	JR	N	N
09/07/06			19:13	20:01	23:22	5:31	6:18								
	14:00	14:30	status and safety meeting									0.50			
1	16:00	17:00	Acquisition camera calibration			closed	dark	Take acquisition camera darks, flats			3	1.00	AB	N	N
	18:00	19:00	<i>dinner</i>									1.00			
2	19:30	20:15	AO Checkout			NGS	V=8	check seeing, NGS performance.			3	0.75	AB	N	N
3	20:15	21:15	LGS characterization			LGS	zen	Project laser at zenith, focus, measure photometry.			1	1.00	AB	Y	Y
4	21:15	4:30	LGS science demo observations			LGS	V=15	Image 2-3 science targets.			2	7.25	AB	Y	Y
5	4:30	5:30	UTT performance			LGS					3	1.00	MT	N	Y
Backup experiments															
1	0:00	1:00	HOWFS-laser TT correlation			LGS	V=8				3	1.00	MB	Y	Na
2	1:00	2:30	LGS magnitude vs. B field			LGS	V=8	Measure LGS magnitude at ~15 points over sky			3	1.50	AB	Y	Na