

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

v2.0: 09/06/06 - AB

Test #	PDT start	PDT end	suns	12°	Test Name	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			
	18:00	19:00	<i>dinner</i>								1	1.00			
1	19:00	20:30	LLT boresighting						NGS	V=8	Adjust LLT pointing to match 200"	3	1.50	RD	N
2	20:30	21:30	Laser-BTO alignment						LGS	close	Align 589/660 lasers, test-fire in dome, check laser focus.	1	1.00	AB	N
3	21:30	22:00	AO Checkout						NGS	V=8	check seeing, NGS performance.	2	0.50	AB	N
4	22:00	0:00	LGS characterization						LGS	zen	Project laser at zenith, focus, optimize & photometry.	1	2.00	MT	Y
5	0:00	1:30	LGS performance (bright star)						LGS	V=10	Optimize...	1	1.50	AB	Y
6	1:30	2:30	LGS performance (faint star)						LGS	V=16	Optimize...	2	1.00	AB	Y
7	2:30	3:00	Impact of Raleigh on LOWFS						LGS	zen		2	0.50	JR	Y
8	3:00	5:30	LGS science demo observations						LGS	V=15	Image 2-3 science targets.	2	2.50	AB	Y

9/6/06 NGS backup

5	0:00	2:00	LOWFS performance						NGS	V=16	include Acq. Cam sensitivity.	2	2.00	JR	Y
6	2:00	4:00	Faint NGS performance						NGS	V=14		2	2.00	CS	N
7	4:00	5:00	NGS flat maps						NGS	V=8		2	1.00	CS	N
8	5:00	6:00	Acquisition camera sensitivity						NGS	stars		3	1.00	AB	Y
9	6:00	6:30	SSM field of regard						NGS	V=10		3	0.50	JR	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
	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
3	20:15	21:15	LGS characterization						LGS	zen	Project laser at zenith, focus, measure photometry.	1	1.00	AB	Y
4	21:15	4:30	LGS science demo observations						LGS	V=15	Image 2-3 science targets.	2	7.25	AB	Y
5	4:30	5:30	UTT performance						LGS			3	1.00	MT	N

Backup experiments

1	0:00	1:00	HOWFS-laser TT correlation						LGS	V=8		3	1.00	MB	Y
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

9/6/06 5:39 PM