

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

v1.0: 08/29/06 - AB

Test #	PDT start	PDT end	suns	12°	LST	12°	sunr	Obs mode	Target	Description / Prerequisites	Priority	Duration	Lead	Clear sky	Laser
09/04/06															
1	8:00	18:00						N/A	N/A		1	10.00	EK	N	Y
2	19:00	22:00						NGS	V=3	Co-align 589/660 lasers, polar axis, collimated. Requires JC.	1	3.00	AB	N	Y
09/05/06 19:16 20:03 23:14 5:29 6:17															
1	8:00	10:00						closed	zen		1	2.00	RT		
2	10:00	12:00						closed	zen	Telemetry tests? Acq?	1	2.00	TT		
3	10:00	12:00						closed	zen	Test BTO software with 660nm laser on Q3 - need CSFL off.	2	2.00	JA	N	N
4	12:00	14:00						closed	dark	Need CSFL off.	3	2.00	AB		
	14:00	14:30								Status meeting		0.50			
5	16:00	18:00						closed	dark	Test-fire laser in dome	3	2.00	AB	N	Y
	18:00	19:00								<i>dinner</i>		1.00			
6	19:30	20:00						NGS	V=8	check seeing, NGS performance.	3	0.50	AB	N	N
7	20:00	22:00						NGS	V=3	Boresigh to 200". Check repeatability vs. elevation.	1	2.00	HP	N	N
8	22:00	23:00						NGS	V=3	Check image quality (collimation not necessary?)	1	1.00	AB	N	N
9	23:00	0:00						LGS	zen	Project laser at zenith, focus, optimize & photometry.	1	1.00	AB	Y	Y
10	0:00	0:30						LGS	zen	Test HOWFS chopper background techniques	2	0.50	JR	N	Y
11	0:30	1:30						LGS	V=10	Demonstrate acquisition procedures. Include LOWFS dither.	1	1.00	MT	N	Y
12	1:30	3:30						LGS	V=10	Optimize...	1	2.00	AB	Y	Y
13	3:30	5:00						LGS	V=16	Optimize...	1	1.50	AB	Y	Y
14	5:00	5:30						NGS	V=10		1	0.50	MT	N	Y
09/06/06 19:15 20:02 23:18 5:30 6:18															
	14:00	14:30								Status meeting		0.50			
1	16:00	18:00						closed		Measure BTO transmission at 589nm (need IR-blocker?)	3	2.00	AB		
	18:00	19:00								<i>dinner</i>		1.00			
2	19:30	20:00						NGS	V=8	check seeing, NGS performance.	3	0.50	AB	N	N
3	20:00	22:00						NGS	V=16		1	2.00	MT	Y	Y
4	22:00	23:00						LGS	zen	Project laser at zenith, focus, optimize & photometry.	1	1.00	AB	Y	Y
5	23:00	0:00						LGS	V=16		2	1.00	MT	N	Y
6	0:00	3:00						LGS	V=15	Image 2-3 science targets.	1	3.00	AB	Y	Na
7	3:00	4:00						NGS	V=8		1	1.00	CS	N	Y
8	4:00	5:00						NGS	V=14		1	1.00	CS	N	Y

8/29/06 8:57 AM

09/07/06 19:13 20:01 23:22 5:31 6:18

	day		contingency	closed			2	6.00		N	N
	14:00	14:30	Status meeting					0.50			
1	0:00	1:00	Acquisition camera calibration	closed	dark	Take acquisition camera darks, flats	3	1.00	AB		
	18:00	19:00	dinner					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	21:00	LGS characterization	LGS	zen	Project laser at zenith, focus, measure photometry.	1	1.00	AB	Y	Na
4	21:00	3:00	LGS science demo observations	LGS	V=15	Image 2-3 science targets.	1	6.00	AB	Y	Na
5	3:00	4:00	UTT performance	LGS			1	1.00	MT	N	Y

Backup experiments

1	0:00	1:00	Acquisition camera sensitivity	NGS	stars		3	1.00	AB	Y	N
2	1:00	2:00	HOWFS-laser TT correlation	LGS	V=8		3	1.00	MB	Y	Na
3	2:00	3:30	LGS magnitude vs. B field	LGS	V=8	Measure LGS magnitude at ~15 points over sky	3	1.50	AB	Y	Na