

File Name: PMR-palomar060615.txt
Message Purpose: PA Request Message
Report Date/Time (UTC): 2006 Jun 12 (JD# 2453898.9 UT 16:49)
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Notes: Preferred channel for response:
email to abouchez@astro.caltech.edu

LASER/SOURCE INFORMATION

Owner/Operator: Palomar Observatory
Name: Guide Star Laser
Output Power: 10 Watts at .589 microns, Pulsed
Latitude: 33.35619 degrees N
Longitude: 116.86464 degrees W
Altitude: 1.67518 km
Max half beam divergence: 5 micro-radians

MISSION INFORMATION

Name: Palomar LGS tests
Target Type: STAR
Location: deep space (effectively infinite)
Start Date/Time (UTC): 2006 Jun 15 (JD 2453900.67) 04:02:36
End Date/Time (UTC): 2006 Jun 15 (JD 2453900.98) 11:33:06
Duration (HH:MM:SS): 07:30:30

PROTECTED REGION PARAMETERS (ALL COORDINATES J2000)

----- Region Number 1 of 66

Name: Zenith
Azimuth Range: 0.0 degrees exactly
Elevation Range: 90.0 degrees exactly

Region Number 2 of 66

Name: 20 Deg West
Azimuth Range: 270.0 degrees exactly
Elevation Range: 70.0 degrees exactly

Region Number 3 of 66

Name: 20 Deg South
Azimuth Range: 180.0 degrees exactly
Elevation Range: 70.0 degrees exactly

Region Number 4 of 66

Name: 2521-1609-1
RA: 163.844 deg
Declination: 34.0436 deg

Region Number 5 of 66

Name: 2528-0931-1
RA: 185.081 deg
Declination: 33.4107 deg

Region Number 6 of 66

Name: 2540-0995-1
RA: 205.427 deg

Declination: 33.8644 deg

Region Number 7 of 66

Name: 2558-0356-1

RA: 224.227 deg

Declination: 34.4801 deg

Region Number 8 of 66

Name: 2583-2009-1

RA: 244.114 deg

Declination: 34.0457 deg

Region Number 9 of 66

Name: 2610-1209-1

RA: 264.903 deg

Declination: 32.9463 deg

Region Number 10 of 66

Name: 2643-0181-1

RA: 284.487 deg

Declination: 33.5803 deg

Region Number 11 of 66

Name: 2676-0565-1

RA: 304.536 deg

Declination: 33.2515 deg

Region Number 12 of 66

Name: 2721-1783-1

RA: 324.465 deg

Declination: 33.0114 deg

Region Number 13 of 66

Name: 2758-0080-1

RA: 345.986 deg

Declination: 33.7726 deg

Region Number 14 of 66

Name: 2264-1005-1

RA: 3.892 deg

Declination: 32.6031 deg

Region Number 15 of 66

Name: 2519-0317-1

RA: 164.721 deg

Declination: 32.8863 deg

Region Number 16 of 66

Name: 3834-0933-1

RA: 183.682 deg

Declination: 53.6017 deg

Region Number 17 of 66

Name: 2528-1475-1

RA: 185.303 deg

Declination: 33.4235 deg

Region Number 18 of 66

Name: 0881-0691-1
RA: 189.532 deg
Declination: 13.3854 deg

Region Number 19 of 66

Name: 5546-0067-1
RA: 205.066 deg
Declination: -7.8584 deg

Region Number 20 of 66

Name: 2540-0638-1
RA: 205.433 deg
Declination: 32.9000 deg

Region Number 21 of 66

Name: 0915-0119-1
RA: 214.650 deg
Declination: 13.2859 deg

Region Number 22 of 66

Name: 2558-0746-1
RA: 224.478 deg
Declination: 34.1499 deg

Region Number 23 of 66

Name: 3861-0250-1
RA: 224.639 deg
Declination: 52.6666 deg

Region Number 24 of 66

Name: 5029-0226-1
RA: 234.666 deg
Declination: -7.2906 deg

Region Number 25 of 66

Name: 0955-0611-1
RA: 238.654 deg
Declination: 13.5528 deg

Region Number 26 of 66

Name: 2583-1120-1
RA: 244.543 deg
Declination: 33.2431 deg

Region Number 27 of 66

Name: 2610-1233-1
RA: 263.981 deg
Declination: 33.1497 deg

Region Number 28 of 66

Name: 1005-0473-1
RA: 264.859 deg
Declination: 13.2642 deg

Region Number 29 of 66

Name: 5093-0133-1
RA: 264.886 deg
Declination: -7.4833 deg

Region Number 30 of 66
Name: 3889-0738-1
RA: 265.087 deg
Declination: 53.1715 deg

Region Number 31 of 66
Name: 2643-0275-1
RA: 284.353 deg
Declination: 33.2834 deg

Region Number 32 of 66
Name: 1054-1177-1
RA: 289.624 deg
Declination: 13.3942 deg

Region Number 33 of 66
Name: 5157-1253-1
RA: 294.710 deg
Declination: -6.6730 deg

Region Number 34 of 66
Name: 2676-1013-1
RA: 304.781 deg
Declination: 33.0913 deg

Region Number 35 of 66
Name: 3937-1433-1
RA: 304.865 deg
Declination: 53.5746 deg

Region Number 36 of 66
Name: 1111-0700-1
RA: 315.074 deg
Declination: 12.8382 deg

Region Number 37 of 66
Name: 2721-2197-1
RA: 324.521 deg
Declination: 33.2377 deg

Region Number 38 of 66
Name: 5221-0549-1
RA: 324.491 deg
Declination: -7.2309 deg

Region Number 39 of 66
Name: 1158-0507-1
RA: 339.959 deg
Declination: 13.3431 deg

Region Number 40 of 66
Name: 3985-0703-1
RA: 343.791 deg
Declination: 53.3886 deg

Region Number 41 of 66
Name: 2754-0640-1

RA: 344.772 deg
Declination: 33.1692 deg

Region Number 42 of 66

Name: 2269-1531-1
RA: 4.564 deg
Declination: 33.8788 deg

Region Number 43 of 66

Name: 1231-022791
RA: 164.608 deg
Declination: 33.1520 deg

Region Number 44 of 66

Name: 1234-021683
RA: 184.675 deg
Declination: 33.4598 deg

Region Number 45 of 66

Name: 1231-025196
RA: 204.620 deg
Declination: 33.1163 deg

Region Number 46 of 66

Name: 1235-023647
RA: 224.507 deg
Declination: 33.5288 deg

Region Number 47 of 66

Name: 1232-027635
RA: 244.432 deg
Declination: 33.2336 deg

Region Number 48 of 66

Name: 1234-028209
RA: 264.669 deg
Declination: 33.4303 deg

Region Number 49 of 66

Name: 1234-032161
RA: 284.530 deg
Declination: 33.4124 deg

Region Number 50 of 66

Name: 1233-048996
RA: 304.549 deg
Declination: 33.3126 deg

Region Number 51 of 66

Name: 1233-058034
RA: 324.610 deg
Declination: 33.3162 deg

Region Number 52 of 66

Name: 1233-062035
RA: 344.772 deg
Declination: 33.3181 deg

Region Number 53 of 66	
Name:	1233-000795
RA:	4.637 deg
Declination:	33.3489 deg
Region Number 54 of 66	
Name:	M5_core
RA:	229.639 deg
Declination:	2.0837 deg
Region Number 55 of 66	
Name:	SD1534+1615
RA:	233.571 deg
Declination:	16.2628 deg
Region Number 56 of 66	
Name:	G70.7+1.2
RA:	301.098 deg
Declination:	33.6518 deg
Region Number 57 of 66	
Name:	Aql X-1
RA:	287.817 deg
Declination:	0.5850 deg
Region Number 58 of 66	
Name:	GS 2023+338
RA:	306.016 deg
Declination:	33.8676 deg
Region Number 59 of 66	
Name:	M57
RA:	283.396 deg
Declination:	33.0292 deg
Region Number 60 of 66	
Name:	Apr 73
RA:	248.788 deg
Declination:	46.2139 deg
Region Number 61 of 66	
Name:	M2-9
RA:	256.408 deg
Declination:	-10.1424 deg
Region Number 62 of 66	
Name:	Arp 278
RA:	334.878 deg
Declination:	29.3935 deg
Region Number 63 of 66	
Name:	V533 Her
RA:	273.585 deg
Declination:	41.8564 deg
Region Number 64 of 66	
Name:	QV Vul
RA:	286.168 deg

Declination: 21.7706 deg

Region Number 65 of 66

Name: QU Vul

RA: 306.692 deg

Declination: 27.8453 deg

Region Number 66 of 66

Name: V1974 Cyg

RA: 307.632 deg

Declination: 52.6309 deg

END OF FILE