

Moon-Jupiter at 1d31.3'S,0d0.0'W on 1/14/04

time assumed to calculate HPM, SD, etc	observed sextant reading			date & time by lunar	Hc Moon decimal degrees	Refraction Moon min	Parallax Moon min	SemiDiameter Moon min	Hc Jupiter decimal degrees	Refraction Jupiter min
	degree	min	sec							
5:00:01	37	0	57	5:00:01	86.8546	0.1	3.2	15.8	56.35788	0.7
5:00:01	37	34	7	5:59:59	86.8546	0.1	3.2	15.8	56.35788	0.7
5:59:59	36	45	32	5:00:02	78.6185	0.2	11.6	15.8	41.58286	1.1
5:59:59	37	18	52	5:59:58	78.6185	0.2	11.6	15.8	41.58286	1.1
0:00:01	20	28	53	0:00:01	14.1556	4.1	56.3	16.1	32.29832	1.6
0:00:01	20	58	45	0:55:53	14.1556	4.1	56.3	16.1	32.29832	1.6
0:59:59	20	28	53	0:04:27	28.6907	1.9	51.2	16.1	47.15395	0.9
0:59:59	20	58	45	0:59:59	28.6907	1.9	51.2	16.1	47.15395	0.9