1																																															
2	Week number		39	40	41	42	43	44	45	46	47	48	49	50	52	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
3	Week ending Friday		27-Sep	4-Oct	11-Oct	18-Oct	25-Oct	1-Nov	8-Nov	15-Nov	22-Nov	29-Nov	6-Dec	13-Dec	20-Dec	27-Dec	3-Jan	10-Jan	17-Jan	24-Jan	31-Jan	7-Feb	14-Feb	21-Feb	28-Feb	7-Mar	14-Mar	21-Mar	28-Mar	4-Apr	11-Apr	18-Apr	25-Apr	2-May	9-May	16-May	23-May	30-May	6-Jun	13-Jun	20-Jun	27-Jun	4-Jul	11-Jul	18-Jul	25-Jul	1-Aug
4																				Electronics racks & some test software ready																											
5							Development VME system ready																										Easter														
6	**Calibration unit**																										NAOMI in GRACE																				
7	Conceptual Design inc throughput tests	M	Done																																												
8	Preliminary Design	M																																													
9	Detail Mechanical design	M																																			Target for on sky CCD tests										
10	Buy mechanical parts	M																																													
11	Buy electro/pneumatic actuators	M																																													
12	Buy lamps	M	Done																																												
13	Buy fibres/optics	M																																													
14	Optomech assembly	M																																													
15	Optomech test procedure	M																																													
16	Test software available	S									N																																				
17	Optomech test inc throughput	M									O																																				
18	Optomech integration with NAOMI	M									W																																				
19	Electronic/software integration test proc.	S																																													
20	Electronic/software integration with NAOMI	S																																													
21	Acquisition camera and controller ready																																														
22	**ADC**																																														
23	Preliminary Design	M	Done																																												
24	Detail Mechanical design	M	Done																																												
25	Make/buy parts	M																																													
26	Buy electro/pneumatic actuators	M																																													
27	Optomech assembly	M																																													
28	Specify optics	M	Done																																												
29	Buy optics	M																																													
30	Optomech test procedure	M										Done																																			
31	Deployment test	M																																													
32	Test software available	S																																													
33	Home switch repeatability test	M																																													
34	Optical alignment test	M																																													
35	Optical dispersion test	M																																													
36	Optomech integration with NAOMI	M																																													
37	Electronic/software integration test proc	S																																													
38	Electronic/software integration with NAOMI	S																																													
39	ADC algorithm	M																																													
40	**Dichroic Changer**																																														
41	Preliminary Design	M	Done																																												
42	Detail Mechanical design	M	Done																																												
43	Make/buy parts inc actuators etc	M																																													
44	Buy dichroic holders	M	Done																																												
45	Buy second dichroic mount for testing	M																																													
46	Mechanical test	M																																													
47	Specify dichroics	M	Done																																												
48	Buy dichroics	M	Done																																												
49	Optical alignment/test procedure	M										Done																																			
50	Test software available	S																																													
51	Optomech test inc repeatability (sea level)	M																																													
52	Optomech test inc repeatability (WHT TFS)	M																																													
53	Optomech integration with NAOMI	M																																													
54	Electronic/software integration test proc	S																																													
55	Electronic/software integration with NAOMI	S																																													
56																																															
57	**Deployable flat**																																														
58	Preliminary Design	M	Done																																												
59	Detail Mechanical design	M	Done																																												
60	Make/buy parts	M	Done																																												
61	Buy electro/pneumatic actuators	M																																													
62	Mechanical assembly	M																																													
63	Specify optics	M	Done																																												
64	Buy optics	M																																													
65	Optomechanical test procedure	M				Done																																									
66	Optomechanical test	M																																													
67	Optomechanical integration with NAOMI	M																																													
68	Electronic/software integration test proc	S																																													
69	Electronic/software integration with NAOMI	S															sgr																														
70	**Notes**														mfb	sgr	jolley																														
71														rgt	rgt	rgt	rgt	tgreg																													
72	**Absences**						jolley		rgt		dba	dba	tgreg	tgreg	tgreg	tgreg	tgreg	jolley	jolley				mfb	mfb		rgt																				

phase2detailv0-6-1.xls

	Week number		39	40	41	42	43	44	45	46	47	48	49	50	52	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
74	Week ending Friday		27-Sep	4-Oct	11-Oct	18-Oct	25-Oct	1-Nov	8-Nov	15-Nov	22-Nov	29-Nov	6-Dec	13-Dec	20-Dec	27-Dec	3-Jan	10-Jan	17-Jan	24-Jan	31-Jan	7-Feb	14-Feb	21-Feb	28-Feb	7-Mar	14-Mar	21-Mar	28-Mar	4-Apr	11-Apr	18-Apr	25-Apr	2-May	9-May	16-May	23-May	30-May	6-Jun	13-Jun	20-Jun	27-Jun	4-Jul	11-Jul	18-Jul	25-Jul	1-Aug
75																																															
76	**OASIS FRC/focus ajustment**																																														
77	Preliminary Design	M	Done																																												
78	Detail Mechanical design	M	Done																																												
79	Make/buy parts	M																																													
80	Buy electronic slide	M																																													
81	Mechanical assembly	M																																													
82	Check slide operates	M																																													
83	Specify optics	M	Done																																												
84	Buy optics	M	Done																																												
85	Optomechanical integration procedure	M																																													
86	Optomechanical integration with NAOMI	M																																													
87	Electronic/software integration test proc	S																																													
88	Electronic/software integration with NAOMI	S																																													
89																																															
90	**Simplexing Camera/Flat**																																														
91	Preliminary Design	M	Done																																												
92	Detail Mechanical design	M	Done																																												
93	Make/buy parts	M	Done																																												
94	Buy pneumatic actuators	M																																													
95	Mechanical assembly	M																																													
96	Mechanical test procedure	M																																													
97	Mechanical test	M																																													
98	Design/make tempory bracket	M																																													
99	Specify mirror	M	Done																																												
100	Buy mirror	M																																													
101	Buy camera/camera optics	M	Done																																												
102	Optomechanical integration procedure	M																																													
103	Optomechanical integration with NAOMI	M																																													
104	Electronic/software integration test proc	S																																													
105	Electronic/software integration with NAOMI	S																																													
106	Obtain Simplexing PC	S	**Speed calculation needed**																																												
107	Initial simplexing test	S																																													
108	Simplexing test with ADC & NCU	S																																													
109																																															
110	**Electronics**																																														
111	Finalise overview	S																																													
112	Specify VME rack and boards	S				Done																																									
113	Buy VME rack and boards	S																																													
114	Specify PowerPC	S				Done																																									
115	Buy PowerPC	S																																													
116	Put together development system	S																																													
117	Specify stepper motor driver rack/cards	S				Done																																									
118	Buy stepper motor driver rack/cards	S	**Confirm delivery**																																												
119	Specify relay driver cards	S						Done																																							
120	Buy relay driver cards	S																																													
121	Specify cable interface box	S																																													
122	Buy/make cable interface box	S																																													
123	Connection drawings	S																																													
124	Specify cables and connectors	S						Done																																							
125	Buy cables and connectors	S																																													
126	Make and test cables	S																																													
127	Configured rack ready for testing	S																																													
128																																															
129																																															
130																																															
131	**Instrument supports**																																														
132	Design NAOMI support	M					Done																																								
133	Make NAOMI support	M																																													
134	Install NAOMI on support in GRACE	M																																													
135	Design OASIS support	M																																													
136	Make OASIS support	M																																													
137	Install OASIS support	M																																													
138																																															
139	**CCD**																																														
140	Design CCD mount for on sky test																																														
141	manufacture CCD mount																sgr																														
142															mfb	sgr	jolley																														
143														rgt	rgt	rgt	rgt	tgreg																													
144	**Absences**						jolley		rgt		dba	dba	tgreg	tgreg	tgreg	tgreg	tgreg	jolley	jolley				mfb	mfb		rgt																				

M = Optomech - tgregory, mfb, jolley

S = Electronics/software - rjp,dba, sgr

G = General - all team

Yellow = work in progress
(= 'Done' if complete)

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