

ID	Task Name	Duration	Start	Finish	2002												2003											
					Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1	Antennas to Pads:	772 days	Tue 7/4/00	Wed 6/11/03	[Gantt bar from 7/4/00 to 6/11/03]																							
2	- antenna 4	0 days	Tue 7/4/00	Tue 7/4/00	[Gantt bar from 7/4/00 to 7/4/00]																							
3	- antenna 7	0 days	Tue 5/15/01	Tue 5/15/01	[Gantt bar from 5/15/01 to 5/15/01]																							
4	- antenna 5	0 days	Mon 8/6/01	Mon 8/6/01	[Gantt bar from 8/6/01 to 8/6/01]																							
5	- antenna 5 (repair)	0 days	Tue 12/18/01	Tue 12/18/01	[Gantt bar from 12/18/01 to 12/18/01]																							
6	- antenna 8 (no repair)	0 days	Fri 12/21/01	Fri 12/21/01	[Gantt bar from 12/21/01 to 12/21/01]																							
7	- antenna 6	0 days	Fri 5/10/02	Fri 5/10/02	[Gantt bar from 5/10/02 to 5/10/02]																							
8	- antenna 8	0 days	Tue 6/18/02	Tue 6/18/02	[Gantt bar from 6/18/02 to 6/18/02]																							
9	- antenna 1	0 days	Wed 8/28/02	Wed 8/28/02	[Gantt bar from 8/28/02 to 8/28/02]																							
10	- rebuilt 3 to pad	0 days	Wed 4/30/03	Wed 4/30/03	[Gantt bar from 4/30/03 to 4/30/03]																							
11	- rebuilt 2 to pad	0 days	Wed 6/11/03	Wed 6/11/03	[Gantt bar from 6/11/03 to 6/11/03]																							
12																												
13	Number of available antennas	356 days	Thu 1/31/02	Thu 6/12/03	[Gantt bar from 1/31/02 to 6/12/03]																							
14	- 2 3 4 5 7	16 days	Thu 1/31/02	Thu 2/21/02	[Gantt bar from 1/31/02 to 2/21/02]																							
15	- 3 4 5 7	62 days	Fri 2/22/02	Mon 5/20/02	[Gantt bar from 2/22/02 to 5/20/02]																							
16	- 3 4 5 6 7	35 days	Mon 5/20/02	Fri 7/5/02	[Gantt bar from 5/20/02 to 7/5/02]																							
17	- 3 4 5 6 7 8	65 days	Mon 7/8/02	Fri 10/4/02	[Gantt bar from 7/8/02 to 10/4/02]																							
18	- 1 4 5 6 7 8	147 days	Mon 10/7/02	Tue 4/29/03	[Gantt bar from 10/7/02 to 4/29/03]																							
19	- 1 3 4 5 6 7 8	31 days	Wed 4/30/03	Wed 6/11/03	[Gantt bar from 4/30/03 to 6/11/03]																							
20	- 1 2 3 4 5 6 7 8	1 day	Thu 6/12/03	Thu 6/12/03	[Gantt bar from 6/12/03 to 6/12/03]																							
21																												
22	Receivers:	62 days	Fri 2/22/02	Mon 5/20/02	[Gantt bar from 2/22/02 to 5/20/02]																							
23	- remove receiver from 2	1 day	Fri 2/22/02	Fri 2/22/02	[Gantt bar from 2/22/02 to 2/22/02]																							
24	- install receiver in ant 6 ?	4 days	Wed 5/15/02	Mon 5/20/02	[Gantt bar from 5/15/02 to 5/20/02]																							
25																												
26																												
27	IF/LO system:	243 days	Mon 10/29/01	Tue 10/1/02	[Gantt bar from 10/29/01 to 10/1/02]																							
28	- 6+ ant, 1 rx, 1 block	0 days	Tue 10/1/02	Tue 10/1/02	[Gantt bar from 10/1/02 to 10/1/02]																							
29	- final 2nd LO	0 days	Tue 10/1/02	Tue 10/1/02	[Gantt bar from 10/1/02 to 10/1/02]																							
30	- MRG	0 days	Mon 2/4/02	Mon 2/4/02	[Gantt bar from 2/4/02 to 2/4/02]																							
31	- Noise Distribution Drawer	0 days	Mon 3/18/02	Mon 3/18/02	[Gantt bar from 3/18/02 to 3/18/02]																							
32	- DDS (8 ants, 1 rx ?)	0 days	Mon 10/29/01	Mon 10/29/01	[Gantt bar from 10/29/01 to 10/29/01]																							
33	- end to end phase stability test	0 days	Mon 5/27/02	Mon 5/27/02	[Gantt bar from 5/27/02 to 5/27/02]																							
34																												

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					Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
149	- rework elevation bearings	10 days	Tue 5/14/02	Mon 5/27/02																								
150	- install weldment/leadscrew	3 days	Tue 5/28/02	Thu 5/30/02																								
151	- install reflector	9 days	Fri 5/31/02	Wed 6/12/02																								
152	- install chopper	4 days	Thu 6/13/02	Tue 6/18/02																								
153	- install receiver	4 days	Mon 6/17/02	Thu 6/20/02																								
154	- move 8 to pad	1 day	Wed 6/19/02	Wed 6/19/02																								
155	Rebuild cabin on Antenna 2	348 days	Mon 2/11/02	Wed 6/11/03																								
156	- ship panels back to Haystack	30 days	Mon 2/11/02	Fri 3/22/02																								
157	- into hanger	1 day	Mon 2/25/02	Mon 2/25/02																								
158	- remove old fixtures	18 days	Tue 2/26/02	Thu 3/21/02																								
159	- prepare for shipping	4 days	Fri 3/22/02	Wed 3/27/02																								
160	- ship to Haystack	40 days	Thu 3/28/02	Wed 5/22/02																								
161	- rebuild cabin etc	106 days	Thu 5/23/02	Thu 10/17/02																								
162	- ship to Hawaii	38 days	Fri 10/18/02	Tue 12/10/02																								
163	- re-equip mount	30 days	Wed 4/30/03	Tue 6/10/03																								
164	- install reflector etc	10 days	Wed 3/5/03	Tue 3/18/03																								
165	- refit rx etc	4 days	Mon 3/10/03	Thu 3/13/03																								
166	- move to pad	1 day	Wed 6/11/03	Wed 6/11/03																								
167	Antenna 1	194 days	Tue 12/4/01	Wed 8/28/02																								
168	- chopping secondary	40 days	Mon 5/13/02	Fri 7/5/02																								
169	- ship tubes, nodes to Hawaii	20 days	Thu 4/11/02	Wed 5/8/02																								
170	- reflector assembly	60 days	Mon 5/20/02	Fri 8/9/02																								
171	- mount assembly	105 days	Tue 12/4/01	Thu 4/25/02																								
172	- ship from Haystack	15 days	Wed 5/1/02	Tue 5/21/02																								
173	- ship from Seattle to HNL	14 days	Wed 5/22/02	Mon 6/10/02																								
174	- ship from HNL to KAW	5 days	Tue 6/11/02	Mon 6/17/02																								
175	- arrive MK	0 days	Tue 6/18/02	Tue 6/18/02																								
176	- fitout	50 days	Wed 6/19/02	Tue 8/27/02																								
177	- reflector on mount 1	5 days	Mon 8/12/02	Fri 8/16/02																								
178	- install receiver	3 days	Fri 8/23/02	Tue 8/27/02																								
179	- antenna 1 to pad	1 day	Wed 8/28/02	Wed 8/28/02																								
180	Rebuild on Ant 3	148 days	Mon 10/7/02	Wed 4/30/03																								
181	- move into hanger	1 day	Mon 10/7/02	Mon 10/7/02																								
182	- remove old fixtures	20 days	Tue 10/8/02	Mon 11/4/02																								

