

ID	Task Name	Start	Finish	2003															
				Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
1	Antennas to Pads:	Tue 7/4/00	Wed 9/24/03																
2	- antenna 4	Tue 7/4/00	Tue 7/4/00																
3	- antenna 7	Tue 5/15/01	Tue 5/15/01																
4	- antenna 5	Mon 8/6/01	Mon 8/6/01																
5	- antenna 5 (repair)	Tue 12/18/01	Tue 12/18/01																
6	- antenna 8 (no repair)	Fri 12/21/01	Fri 12/21/01																
7	- antenna 6 (Rx 6/22)	Fri 5/10/02	Fri 5/10/02																
8	- antenna 8 (no repair)	Tue 6/18/02	Tue 6/18/02																
9	- antenna 1 (Rx 11/18)	Thu 9/26/02	Thu 9/26/02	■ 9/26															
10	- antenna 8 (no rx)	Thu 12/12/02	Thu 12/12/02				■ 12/12												
11	- rebuilt 2 to pad	Fri 5/23/03	Fri 5/23/03											■ 5/23					
12	- rebuilt 3 to pad	Wed 9/24/03	Wed 9/24/03															■ 9/24	
13																			
14	Plan - Number of available ant	Thu 1/31/02	Wed 9/24/03	—————■															
15	- 2 3 4 5 7	Thu 1/31/02	Thu 2/21/02																
16	- 3 4 5 7	Fri 2/22/02	Thu 6/20/02																
17	- 3 4 5 6	Sat 6/22/02	Tue 10/1/02																
18	- 4 5 6 7	Wed 10/2/02	Tue 11/19/02																
19	- 1 4 5 6 7	Wed 11/20/02	Wed 12/11/02																
20	- 1 4 5 6 7 (8)	Thu 12/12/02	Fri 5/23/03																
21	- 1 2 4 5 6 7 8	Mon 5/26/03	Wed 9/24/03																
22	- 1 2 3 4 5 6 7 8	Wed 9/24/03	Wed 9/24/03																
23																			
24	Receivers:	Mon 4/14/03	Wed 9/17/03																
25	- install receiver in ant 2	Mon 5/19/03	Thu 5/22/03																
26	- install receiver in ant 3	Fri 9/12/03	Wed 9/17/03																
27	- install receiver in ant 8 ???	Mon 4/14/03	Thu 4/17/03																
28																			
29	IF/LO system:	Mon 8/12/02	Fri 5/30/03	—————■															
30	- vault - correlator rm preparati	Mon 8/12/02	Fri 10/18/02																
31	- install new fibers to Correlator rm	Mon 8/12/02	Wed 8/14/02																
32	- paint vault	Mon 9/16/02	Thu 9/19/02																
33	- install racks, associated mounts	Mon 9/30/02	Fri 10/4/02																
34	- prepare fiber splice boxes etc	Mon 10/14/02	Fri 10/18/02																
35																			
36	- Vault - Multimode fiber preparations	Mon 4/14/03	Fri 5/2/03																

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				Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
				95	- mount 5	Wed 5/16/01	Mon 8/6/01										
96	- mount 8	Mon 8/6/01	Mon 12/3/01														
97	- mount 5 repair	Tue 12/4/01	Mon 12/17/01														
98	- mount 8 measure	Tue 12/18/01	Fri 12/21/01														
99	- mount 6	Fri 12/21/01	Thu 2/21/02														
100	- mount 2 disassembly	Fri 2/22/02	Wed 3/27/02														
101	- mount 6 completion	Thu 3/28/02	Tue 5/14/02														
102	- mount 8 repair	Wed 5/15/02	Mon 6/17/02														
103	- mount 1	Mon 7/1/02	Thu 9/26/02	█	1												
104	- mount 3 disassembly	Thu 10/3/02	Mon 10/28/02		█												
105	- mount 8 completion ??	Wed 10/30/02	Tue 12/17/02			█	8 ??										
106	- mount 2	Tue 12/24/02	Fri 5/23/03					█	2								
107	- mount 3	Tue 7/8/03	Wed 9/24/03													█	3
108																	
109	BUS Template:	Wed 11/3/99	Fri 8/9/02														
116	Antenna 7	Mon 3/20/00	Tue 5/15/01														
124	Antenna 8	Wed 5/16/01	Mon 12/17/01														
135	Antenna 5	Tue 8/15/00	Mon 8/6/01														
148	Antenna 5 repairs:	Tue 12/4/01	Tue 12/18/01														
157	Antenna 8	Wed 5/15/02	Mon 6/17/02														
158	Antenna 1	Thu 6/27/02	Wed 9/4/02	█													
159	Antenna 8 completion	Thu 9/5/02	Wed 10/2/02	█	█												
160	Antenna 3 disassembly	Thu 10/3/02	Wed 10/30/02		█												
161																	
162	Antenna 6	Fri 12/21/01	Fri 6/21/02														
173																	
174	Antenna 8:	Mon 5/13/02	Thu 12/12/02	█													
192																	
193	Antenna 8:	Mon 2/11/02	Mon 4/14/03	█													
198																	
211	Antenna 2 - barge 1602	Mon 2/11/02	Fri 5/23/03	█													
212	- ship panels back to Haystack	Mon 2/11/02	Fri 3/22/02														
213	- into hanger	Mon 2/25/02	Mon 2/25/02														
214	- remove old fixtures	Tue 2/26/02	Thu 3/21/02														
215	- prepare for shipping	Fri 3/22/02	Wed 3/27/02														
216	- ship to Haystack	Thu 3/28/02	Wed 5/22/02														

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				Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
				217	- rebuild cabin etc	Thu 5/23/02	Tue 11/12/02	[Gantt bar from Sep to Nov]											
218	- ship to Hawaii	Wed 11/13/02	Mon 12/23/02	[Gantt bar from Nov to Dec]															
219	- re-equip mount	Tue 12/24/02	Mon 3/17/03	[Gantt bar from Dec to Mar]															
220	- holiday contingency	Mon 3/4/02	Fri 3/15/02	[Gantt bar from Jan to Feb]															
221	Leadscrew rebuild:	Thu 2/6/03	Thu 4/3/03	[Gantt bar from Feb to Mar]															
222	- ship leadscrew to Haystack	Thu 2/6/03	Tue 3/4/03	[Gantt bar from Feb to Mar]															
223	- leadscrew tests, rebuild	Wed 3/5/03	Tue 3/25/03	[Gantt bar from Mar to Apr]															
224	- airfreight leadscrew to HI ?	Wed 3/26/03	Thu 4/3/03	[Gantt bar from Mar to Apr]															
225	- install leadscrew, weldment	Fri 4/4/03	Thu 4/17/03	[Gantt bar from Apr to May]															
226	- install reflector etc	Mon 4/21/03	Fri 5/2/03	[Gantt bar from May to Jun]															
227	- optical telescope, optical pointing ?	Mon 5/5/03	Mon 5/5/03	[Gantt bar from Jun to Jul]															
228	- refit rx etc ?	Mon 5/19/03	Thu 5/22/03	[Gantt bar from Jul to Aug]															
229	- move to pad	Fri 5/23/03	Fri 5/23/03	[Gantt bar from Aug to Sep]															
230																			
231	Antenna 3	Tue 10/1/02	Tue 9/23/03	[Gantt bar from Oct to Sep]															
232	- ship panels back to Haystack	Fri 10/4/02	Fri 11/8/02	[Gantt bar from Oct to Nov]															
233	- into hanger	Tue 10/1/02	Tue 10/1/02	[Gantt bar at 10/3/02]															
234	- remove old fixtures	Wed 10/2/02	Thu 10/24/02	[Gantt bar from Oct to Nov]															
235	- ship to Haystack	Fri 10/25/02	Mon 12/2/02	[Gantt bar from Nov to Dec]															
236	- rebuild cabin etc	Tue 12/3/02	Fri 5/9/03	[Gantt bar from Dec to Mar]															
237	- prepare for shipment	Mon 5/12/03	Fri 5/16/03	[Gantt bar from Mar to Apr]															
238	- ship to Hawaii	Tue 5/20/03	Tue 7/8/03	[Gantt bar from Apr to May]															
239	- truck Haystack to Seattle	Tue 5/20/03	Wed 6/11/03	[Gantt bar from May to Jun]															
240	- ship Seattle to Honolulu (H083)	Thu 6/12/03	Mon 6/30/03	[Gantt bar from Jun to Jul]															
241	- ship Honolulu to Kawaihae	Tue 7/1/03	Mon 7/7/03	[Gantt bar from Jul to Aug]															
242	- truck Kawaihae to Summit	Tue 7/8/03	Tue 7/8/03	[Gantt bar from Aug to Sep]															
243	- re-equip mount	Wed 7/9/03	Tue 9/16/03	[Gantt bar from Sep to Oct]															
244	- install reflector etc	Mon 9/1/03	Fri 9/12/03	[Gantt bar from Oct to Nov]															
245	- refit rx etc	Fri 9/12/03	Wed 9/17/03	[Gantt bar from Nov to Dec]															
246	- move to pad	Tue 9/23/03	Tue 9/23/03	[Gantt bar at 9/23/03]															
247																			
248	Antenna 1	Tue 12/4/01	Wed 11/20/02	[Gantt bar from Dec to Nov]															
262																			
263	Seq: 1, 3, 8, 2, 3 (2 - Barge 1502)	Thu 6/27/02	Fri 9/19/03	[Gantt bar from Jun to Sep]															
279																			
280	Seq: 1, 3, 8, 2, 3 (2 - Barge 1602)	Thu 6/27/02	Wed 9/24/03	[Gantt bar from Jun to Sep]															

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				Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
				281	- move 1 in hanger	Thu 6/27/02	Thu 6/27/02											
282	- fitout on 1	Fri 6/28/02	Wed 9/25/02	█														
283	- move 1 to pad	Thu 9/26/02	Thu 9/26/02		↓ 1													
284	- move 3 into hanger	Fri 9/27/02	Fri 9/27/02		█													
285	- strip, ship 3 to Haystack	Mon 9/30/02	Wed 10/23/02		█													
286	- move 8 into hanger	Mon 10/28/02	Mon 10/28/02			█												
287	- complete 8 (l/screw, refl, chopper,rx)	Tue 10/29/02	Mon 12/9/02			█												
288	- move 8 to pad	Tue 12/10/02	Tue 12/10/02				↓ 8											
289	- 2 arrives from Haystack	Mon 12/23/02	Mon 12/23/02				█											
290	- move 2 into hanger	Tue 12/24/02	Tue 12/24/02				█											
291	- fitout 2	Wed 12/25/02	Fri 3/28/03				█											
292	- move 2 to pad ?	Fri 5/23/03	Fri 5/23/03								↓ 2							
293	- 3 returns to HI	Tue 7/8/03	Tue 7/8/03									█						
294	- refit 3	Wed 7/9/03	Tue 9/23/03									█						
295	- 3 to pad	Wed 9/24/03	Wed 9/24/03										█					↓ 3