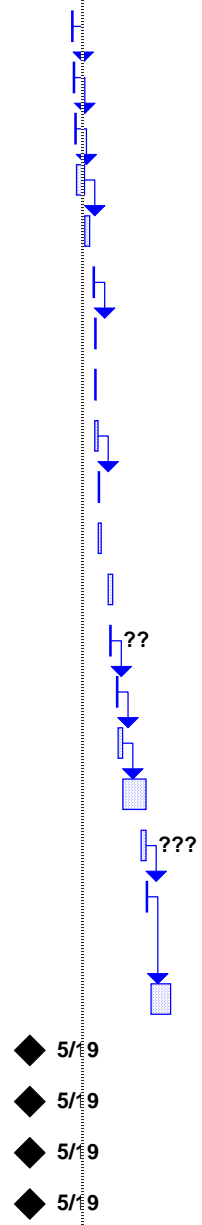


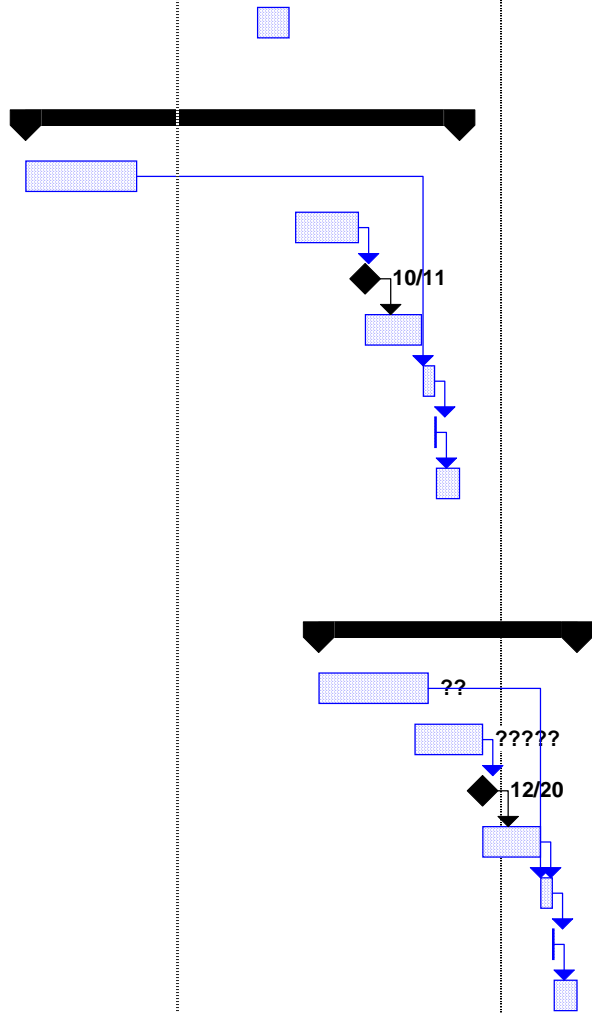
ID	Task Name	Duration	Start	Finish	2000												2001											
					Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	Antennas to Pads:	365 days	7/4/00	11/23/01	[Gantt bar from Jul 4, 2000 to Nov 23, 2001]																							
2	- antenna 4	0 days	7/4/00	7/4/00	[Milestone diamond at Jul 4, 2000 labeled 7/4]																							
3	- antenna 7	0 days	11/22/00	11/22/00	[Milestone diamond at Nov 22, 2000 labeled 11/22]																							
4	- antenna 8	0 days	2/1/01	2/1/01	[Milestone diamond at Feb 1, 2001 labeled 2/1]																							
5	- antenna 5	0 days	12/22/00	12/22/00	[Milestone diamond at Dec 22, 2000 labeled 12/22]																							
6	- rebuilt antenna 2	0 days	5/15/01	5/15/01	[Milestone diamond at May 15, 2001 labeled 5/15]																							
7	- antenna 6	0 days	6/22/01	6/22/01	[Milestone diamond at Jun 22, 2001 labeled 6/22]																							
8	- rebuilt antenna 3	0 days	10/23/01	10/23/01	[Milestone diamond at Oct 23, 2001 labeled 10/23]																							
9	- antenna 1	0 days	11/23/01	11/23/01	[Milestone diamond at Nov 23, 2001 labeled 11/23]																							
10																												
11																												
12	Receivers:	131 days	6/9/00	12/6/00	[Gantt bar from Jun 9, 2000 to Dec 6, 2000]																							
13	- ship rebuilt rx 1 HI, mt 4	3 days	7/18/00	7/20/00	[Task bar from Jul 18 to Jul 20, 2000]																							
14	- assemble rx 1 at MK	2 days	7/21/00	7/24/00	[Task bar from Jul 21 to Jul 24, 2000]																							
15	- install rx 1 in mt 4 (3 bands)	2 days	7/28/00	7/31/00	[Task bar from Jul 28 to Jul 31, 2000]																							
16	- prototype autotuning PLL (mt 2)	4 days	6/9/00	6/14/00	[Task bar from Jun 9 to Jun 14, 2000]																							
17	- 3 autotuning PLLs	5 days	7/31/00	8/4/00	[Task bar from Jul 31 to Aug 4, 2000]																							
18	- 650 (mt 3, LO)	2 days	7/31/00	8/1/00	[Task bar from Jul 31 to Aug 1, 2000]																							
19	- 650 (mt 2)	3 days	12/4/00	12/6/00	[Task bar from Dec 4 to Dec 6, 2000]																							
20	- calibrated load ?	4 days	10/17/00	10/20/00	[Task bar from Oct 17 to Oct 20, 2000]																							
21																												
22																												
23	IF/LO system:	191 days	4/3/00	12/19/00	[Gantt bar from Apr 3, 2000 to Dec 19, 2000]																							
24	- install 1/4 Final DDS (4 ant,1rx)	10 days	7/24/00	8/4/00	[Task bar from Jul 24 to Aug 4, 2000]																							
25	- new IF/LO ant 4	3 days	7/24/00	7/26/00	[Task bar from Jul 24 to Jul 26, 2000]																							

ID	Task Name	Duration	Start	Finish	2000												2001											
					Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
82																												
83	Pad completion:	117 days	4/3/00	9/8/00																								
84	- fiber pull (loop A)	8 days	4/3/00	4/12/00																								
85	- fiber pull (loop B)	10 days	4/13/00	4/26/00																								
86	- fiber pull (loop C)	10 days	4/27/00	5/9/00																								
87	- mold delivered HI	1 day	5/31/00	5/31/00																								
88	- pad 9 grout	10 days	7/17/00	7/28/00																								
89	- pad 14 grout	10 days	7/31/00	8/11/00																								
90	- pad 10 grout	10 days	8/14/00	8/25/00																								
91	- pad 6 grout	10 days	8/28/00	9/8/00																								
92	Delay grout till after ant 4 ?	0 days	7/5/00	7/5/00																								
93																												
94	SMA/CSO/JCMT:	134 days	1/26/00	7/28/00																								
104																												
105	Servo:	126 days	10/18/99	4/10/00																								
110																												
111																												
112	Hanger space:	385 days	6/6/00	11/22/01																								
113	- mount 7	30 days	10/11/00	11/20/00																								
114	- mount 4	25 days	6/6/00	7/10/00																								
115	- mount 8	30 days	12/22/00	2/1/01																								
116	- mount 5	20 days	11/24/00	12/21/00																								
117	- mount 6	20 days	5/28/01	6/22/01																								
118	- mount 1	20 days	10/26/01	11/22/01																								
119	- mount 2 ?	87 days	1/15/01	5/15/01																								

ID	Task Name	Duration	Start	Finish	2000												2001											
					Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
145																												
146	- install M3 box in weldment	1 day	6/13/00	6/13/00																								
147	- install weldment	1 day	6/14/00	6/14/00																								
148	- install leadscrew	1 day	6/15/00	6/15/00																								
149	- align weldment/leadscrew	3 days	6/16/00	6/20/00																								
150	- install BUS	3 days	6/21/00	6/23/00																								
151	- install interface chassis	1 day	6/26/00	6/26/00																								
152	- install fiber "patch panel"	1 day	6/27/00	6/27/00																								
153	- install chopper cables	1 day	6/27/00	6/27/00																								
154	- install chopper	2 days	6/27/00	6/28/00																								
155	- install quad leg covers	1 day	6/29/00	6/29/00																								
156	- install base skirt	2 days	6/29/00	6/30/00																								
157	- repaint ?	3 days	7/5/00	7/7/00																								
158	- install guidescope	1 day	7/6/00	7/6/00																								
159	- move to pad	1 day	7/10/00	7/10/00																								
160	- servo tests	3 days	7/11/00	7/13/00																								
161	- optical pointing, tracking tests	10 days	7/14/00	7/27/00																								
162	- install IF/LO boxes (mt 4)	3 days	7/25/00	7/27/00																								
163	- install receiver	1 day	7/28/00	7/28/00																								
164																												
165	- antenna 4 tests	10 days	7/31/00	8/11/00																								
166	Other items:	0 days	5/19/00	5/19/00																								
167	- chopper weather seal	0 days	5/19/00	5/19/00																								
168	- chopper velocity sensor	0 days	5/19/00	5/19/00																								
169	- air conditioner/handler	0 days	5/19/00	5/19/00																								



ID	Task Name	Duration	Start	Finish	2000												2001											
					Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
170																												
171																												
172																												
173	Closure Phase ?????	15 days	8/7/00	8/25/00																								
174																												
175	Antenna 7 (ASIAA)	192 days	3/20/00	12/6/00																								
176	- reflector assembly	50 days	3/20/00	5/25/00																								
177	- ship mt from Taiwan	29 days	8/30/00	10/6/00																								
178	- arrive MK	0 days	10/11/00	10/11/00																								
179	- fitout	25 days	10/11/00	11/13/00																								
180	- reflector on mount 7	5 days	11/15/00	11/21/00																								
181	- antenna 7 to pad	1 day	11/22/00	11/22/00																								
182	- antenna 7 tests	10 days	11/23/00	12/6/00																								
183																												
184																												
185	Antenna 8 (ASIAA)	114 days	9/13/00	2/15/01																								
186	- reflector assembly	50 days	9/13/00	11/17/00																								
187	- ship mt from Taiwan	29 days	11/10/00	12/20/00																								
188	- arrive MK	0 days	12/20/00	12/20/00																								
189	- fitout	25 days	12/21/00	1/24/01																								
190	- reflector on mount 8	5 days	1/25/01	1/31/01																								
191	- antenna 8 to pad	1 day	2/1/01	2/1/01																								
192	- antenna 8 tests	10 days	2/2/01	2/15/01																								
193																												
194																												



ID	Task Name	Duration	Start	Finish	2000												2001											
					Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
195	Antenna 5 (SAO)	124 days	7/6/00	12/22/00	[Gantt bar for Antenna 5 (SAO) from July 6, 2000 to December 22, 2000]																							
196	- reflector assembly	50 days	7/6/00	9/13/00	[Task bar for 196: July 6 - Sept 13, 2000]																							
197	- ship from Haystack	20 days	9/25/00	10/19/00	[Task bar for 197: Sept 25 - Oct 19, 2000]																							
198	- ship from Seattle to MK	18 days	10/21/00	11/14/00	[Task bar for 198: Oct 21 - Nov 14, 2000]																							
199	- arrive MK	0 days	11/14/00	11/14/00	[Task bar for 199: Nov 14, 2000]																							
200	- fitout	25 days	11/15/00	12/19/00	[Task bar for 200: Nov 15 - Dec 19, 2000]																							
201	- reflector on mount 5	5 days	11/28/00	12/4/00	[Task bar for 201: Nov 28 - Dec 4, 2000]																							
202	- install receiver	3 days	12/4/00	12/6/00	[Task bar for 202: Dec 4 - Dec 6, 2000]																							
203	- antenna 5 to pad	1 day	12/8/00	12/8/00	[Task bar for 203: Dec 8, 2000]																							
204	- antenna 5 tests	10 days	12/11/00	12/22/00	[Task bar for 204: Dec 11 - Dec 22, 2000]																							
205																												
206																												
207	Antenna 6 (SAO)	165 days	11/17/00	7/5/01	[Gantt bar for Antenna 6 (SAO) from Nov 17, 2000 to July 5, 2001]																							
208	- reflector assembly	50 days	11/17/00	1/25/01	[Task bar for 208: Nov 17 - Jan 25, 2001]																							
209	- ship from Haystack	40 days	3/30/01	5/24/01	[Task bar for 209: Mar 30 - May 24, 2001]																							
210	- arrive MK	1 day	5/25/01	5/25/01	[Task bar for 210: May 25, 2001]																							
211	- fitout	20 days	5/28/01	6/22/01	[Task bar for 211: May 28 - Jun 22, 2001]																							
212	- reflector on mount 6	5 days	6/4/01	6/8/01	[Task bar for 212: Jun 4 - Jun 8, 2001]																							
213	- install receiver	3 days	6/18/01	6/20/01	[Task bar for 213: Jun 18 - Jun 20, 2001]																							
214	- antenna 6 to pad	1 day	6/21/01	6/21/01	[Task bar for 214: Jun 21, 2001]																							
215	- antenna 6 tests	10 days	6/22/01	7/5/01	[Task bar for 215: Jun 22 - Jul 5, 2001]																							
216																												
217																												
218	Antenna 1 (SAO)	225 days	1/26/01	12/6/01	[Gantt bar for Antenna 1 (SAO) from Jan 26, 2001 to Dec 6, 2001]																							
219	- reflector assembly	50 days	1/26/01	4/5/01	[Task bar for 219: Jan 26 - Apr 5, 2001]																							

ID	Task Name	Duration	Start	Finish	2000												2001											
					Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
220	- ship from Haystack	40 days	8/31/01	10/25/01																								
221	- arrive MK	1 day	10/26/01	10/26/01																								
222	- fitout	20 days	10/29/01	11/23/01																								
223	- reflector on mount 1	5 days	11/5/01	11/9/01																								
224	- install receiver	3 days	11/19/01	11/21/01																								
225	- antenna 1 to pad	1 day	11/22/01	11/22/01																								
226	- antenna 1 tests	10 days	11/23/01	12/6/01																								
227																												
228																												
229	Rebuild cabin on Antenna 2	87 days	1/15/01	5/15/01																								
230	- into hanger	1 day	1/15/01	1/15/01																								
231	- remove old fixtures	10 days	1/16/01	1/29/01																								
232	- fit new cabin	30 days	1/30/01	3/12/01																								
233	- install cabling, IO box, servo	30 days	3/13/01	4/23/01																								
234	- refit rx etc	15 days	4/24/01	5/14/01																								
235	- move to pad	1 day	5/15/01	5/15/01																								
236																												
237	Rebuild cabin on Antenna 3	87 days	6/25/01	10/23/01																								
238	- move into hanger	1 day	6/25/01	6/25/01																								
239	- remove old fixtures	10 days	6/26/01	7/9/01																								
240	- fit new cabin	30 days	7/10/01	8/20/01																								
241	- install IO box, servo, cabling	30 days	8/21/01	10/1/01																								
242	- refit rx	15 days	10/2/01	10/22/01																								
243	- move to pad	1 day	10/23/01	10/23/01																								

