

ID	Task Name	Duration	Start	Finish	Oct '06				Nov '06				Dec '06				Jan '07				Feb '07							
					01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04	11	18			
1	<b>Holography System</b>	<b>352 days</b>	<b>Tue 01/11/05</b>	<b>Thu 22/03/07</b>																								
2	Develop transmitter electronics	30 wks	Tue 01/11/05	Mon 29/05/06																								
3	Repackage holography receiver	32 wks	Tue 01/11/05	Mon 12/06/06																								
4	Develop ancillary electronics (cabling, power supply, ABM, TE an	30 wks	Tue 01/11/05	Mon 29/05/06																								
5	Develop control software	10 wks	Mon 13/03/06	Fri 19/05/06																								
6	Modify reduction software for data format	10 days	Mon 13/03/06	Fri 24/03/06																								
7	Ship Tx cables and spare minirack to AOC	5 days	Mon 07/08/06	Fri 11/08/06																								
8																												
9	<b>NTC: Rx and Tx</b>	<b>57 days</b>	<b>Mon 19/06/06</b>	<b>Wed 06/09/06</b>																								
10	Integrate/test tx, rx at CV	40 days	Mon 19/06/06	Fri 11/08/06																								
11	System test at NTC	4 days	Fri 25/08/06	Wed 30/08/06																								
12	Pack	1 day	Thu 31/08/06	Thu 31/08/06																								
13	Ship to AOC	3 days	Fri 01/09/06	Wed 06/09/06																								
14	Receive Tx and Rx at AOC	0 days	Wed 06/09/06	Wed 06/09/06																								
15																												
16	<b>AOC and ATF preparation</b>	<b>31 days</b>	<b>Mon 14/08/06</b>	<b>Tue 26/09/06</b>																								
17	Inspect Tower	1 day	Mon 14/08/06	Mon 14/08/06																								
18	Install Tx cables	7 days	Mon 28/08/06	Wed 06/09/06																								
19	Install Tx at ATF and verify control	3 days	Thu 07/09/06	Mon 11/09/06																								
20	Prepare RF cables	5 days	Mon 14/08/06	Fri 18/08/06																								
21	Control software checkout at AOC	5 days	Mon 11/09/06	Fri 15/09/06																								
22	Install RF and FO cables on tower	1 day	Mon 18/09/06	Mon 18/09/06																								
23	Upgrade software at ATF	3 days	Tue 19/09/06	Thu 21/09/06																								
24	Prepare for mounting minirack in both antennas	5 days	Mon 28/08/06	Fri 01/09/06																								
25	Antenna VA / AEC decision	0 days	Mon 11/09/06	Mon 11/09/06																								
26	prepare antenna for electronics	5 days	Mon 11/09/06	Fri 15/09/06																								
27	Install receiver	2 days	Mon 25/09/06	Tue 26/09/06																								
28																												
29	<b>Checkout</b>	<b>8 days</b>	<b>Fri 29/09/06</b>	<b>Wed 11/10/06</b>																								
30	Check M/C and 1st point of Tx	5 days	Fri 29/09/06	Thu 05/10/06																								
31	Ensure Tx and Rx on correct frequency, confirm adequate re	1 day	Fri 06/10/06	Fri 06/10/06																								
32	Peak transmitter pointing	1 day	Tue 10/10/06	Tue 10/10/06																								
33	Verify receiver complex output and stability	1 day	Wed 11/10/06	Wed 11/10/06																								
34																												
35	<b>e2e tests of the system</b>	<b>64 days</b>	<b>Thu 12/10/06</b>	<b>Mon 22/01/07</b>																								
36	Verify mount movement and synch with data	3 days	Thu 12/10/06	Mon 16/10/06																								
37	Verify writing/reading from archive	1 day	Tue 17/10/06	Tue 17/10/06																								
38	Perform 1st raster and create database	2 days	Wed 18/10/06	Thu 19/10/06																								
39	Confirm data analysis and display are working correctly	1 day	Fri 20/10/06	Fri 20/10/06																								
40	Produce first holo image	1 day	Mon 23/10/06	Mon 23/10/06																								
41	measure, adjust focus and illumination	1 day	Tue 24/10/06	Tue 24/10/06																								
42	Investigate saturation and illumination problems	2 days	Mon 30/10/06	Tue 31/10/06																								
43	Temporary remedy improve frequency/phase stability	5 days	Wed 01/11/06	Tue 07/11/06																								
44	Investigate DSP problems	5 days	Wed 01/11/06	Tue 07/11/06																								
45	Install / check out data reduction software at ATF	3 days	Wed 01/11/06	Fri 03/11/06																								
46	Order stable reference oscillators	0 days	Thu 09/11/06	Thu 09/11/06																								

Project: holography at ATF  
Date: Mon 20/11/06

Task Progress Summary External Tasks Deadline

Split Milestone Project Summary External Milestone

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