

ID		WBS	Task Name	Work	Duration	Start	Finish	Predecessors	Resource Initials																
1		1	NGAO Parametric Oscillator	1,346 hrs	187.29 days?	Thu 7/15/10	Mon 4/4/11			27 4 11 18 25 1 8 15 22 29 5 12 19 26 3 10 17 24 31 7 14 21 28 5 12 19 26 2 9 16 23 30 6 13 20 27 3 10 17 24 1 8 15 22															
2		1.1	Demonstration Planning	52 hrs	37.5 days?	Thu 7/15/10	Mon 9/6/10																		
6		1.1.4	Engineering Change Requests (ECR)	2 hrs	0.33 days?	Thu 7/15/10	Thu 7/15/10		SL	Sudha LaVen[75%]															
7		1.2	Preparation	116 hrs	19.58 days?	Thu 7/15/10	Wed 8/11/10																		
9		1.2.2	NGWFC architecture background investigation	16 hrs	2.67 days?	Thu 7/15/10	Mon 7/19/10	6	SL	Sudha LaVen[75%]															
10		1.2.3	Wavefront Processor (WFP) and Interface (WIF) documentation and coc	16 hrs	2.67 days?	Tue 7/20/10	Thu 7/22/10	9	SL	Sudha LaVen[75%]															
11		1.2.4	Wavefront Controller Command Processor (WCP) documentation and c	16 hrs	2.67 days?	Thu 7/22/10	Tue 7/27/10	10	SL	Sudha LaVen[75%]															
12		1.2.5	Setup and document software development environment at Waimea HQ	20 hrs	6.25 days?	Tue 7/27/10	Wed 8/4/10	11	SL,KT	Sudha LaVen[75%],Kevin Tsubota[10%]															
13		1.2.6	Setup and document NGWFC lab hardware at Waimea HQ	44 hrs	5 days?	Wed 8/4/10	Wed 8/11/10	12	SL,KT,JC	Sudha LaVen[75%],Kevin Tsubota[10%],Jon Chock[50%]															
28		1.4	Microgate RTC Mods	340 hrs	44.33 days?	Thu 10/14/10	Wed 12/15/10	23																	
33		1.4.5	WMKO run tests based on MG test plan	20 hrs	3.33 days?	Thu 12/9/10	Tue 12/14/10	32	SL	Sudha LaVen[75%]															
35		1.5	Systems Engineering / Design	188 hrs	39.83 days?	Fri 10/1/10	Fri 11/26/10	20																	
42		1.5.2	Software Design Document	80 hrs	13.5 days?	Tue 10/26/10	Mon 11/15/10	36																	
43		1.5.2.1	AO Design Document (WCP)	40 hrs	6.67 days?	Tue 10/26/10	Thu 11/4/10		SL	Sudha LaVen[75%]															
45		1.5.2.3	Design modification to AO SC (if required)	20 hrs	3.33 days?	Thu 11/4/10	Tue 11/9/10	43	SL	Sudha LaVen[75%]															
47		1.5.3	Software Test Plan	40 hrs	9.33 days?	Mon 11/15/10	Fri 11/26/10	42																	
48		1.5.3.1	Document AO Test Plan (WCP)	20 hrs	3.33 days?	Mon 11/15/10	Thu 11/18/10		SL	Sudha LaVen[75%]															
51		1.6	Implementation and Lab Testing	180 hrs	48 days?	Fri 11/26/10	Wed 2/2/11	42,47																	
52		1.6.1	Wavefront Control Command Processor (WCP)	60 hrs	16.58 days?	Fri 11/26/10	Tue 12/21/10																		
53		1.6.1.1	Implementation of AO (WCP) modifications	40 hrs	6.67 days?	Fri 11/26/10	Tue 12/7/10		SL	Sudha LaVen[75%]															
54		1.6.1.2	Testing on Waimea NGWFC system	20 hrs	3.33 days?	Wed 12/15/10	Tue 12/21/10	53,34	SL	Sudha LaVen[75%]															
58		1.6.3	AO SC	30 hrs	5 days?	Fri 1/14/11	Fri 1/21/11	55																	
59		1.6.3.1	Implementation of AO SC modification by WMKO on HQ system	20 hrs	3.33 days?	Fri 1/14/11	Thu 1/20/11		SL	Sudha LaVen[75%]															
60		1.6.3.2	Testing on Waimea NGWFC system	10 hrs	1.67 days?	Thu 1/20/11	Fri 1/21/11	59	SL	Sudha LaVen[75%]															
61		1.6.4	Lab Integration	60 hrs	7.67 days?	Fri 1/21/11	Wed 2/2/11																		
62		1.6.4.1	Perform and document lab integration tests	60 hrs	6.67 days?	Fri 1/21/11	Tue 2/1/11	60	SL,CN	Sudha LaVen[75%],Chris Neyman[40%]															
64		1.7	Summit Integration	62 hrs	10.33 days?	Wed 2/2/11	Wed 2/16/11	51																	
65		1.7.1	NGWFC	28 hrs	4.67 days?	Wed 2/2/11	Wed 2/9/11																		
66		1.7.1.1	Install upgrade on summit system	8 hrs	1.33 days?	Wed 2/2/11	Thu 2/3/11		SL	Sudha LaVen[75%]															
67		1.7.1.2	Run same Microgate test plan used for HQ testing	20 hrs	3.33 days?	Thu 2/3/11	Wed 2/9/11	66	SL	Sudha LaVen[75%]															
68		1.7.2	AO	14 hrs	2.33 days?	Wed 2/9/11	Fri 2/11/11	65																	
69		1.7.2.1	Install upgrade on summit system	4 hrs	0.67 days?	Wed 2/9/11	Wed 2/9/11		SL	Sudha LaVen[75%]															
70		1.7.2.2	Run same test plan used for HQ testing	10 hrs	1.67 days?	Wed 2/9/11	Fri 2/11/11	69	SL	Sudha LaVen[75%]															
71		1.7.3	System Integration	20 hrs	3.33 days?	Fri 2/11/11	Wed 2/16/11	68																	
72		1.7.3.1	Run system level summit integration test plan	20 hrs	3.33 days?	Fri 2/11/11	Wed 2/16/11		SL	Sudha LaVen[75%]															

Project: ParOsc_v3
Date: Tue 7/27/10

Task

Split

Progress

Milestone

Summary

Project Summary

External Tasks

External Milestone

Deadline

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