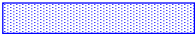
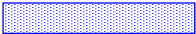












Vacuum Facilities

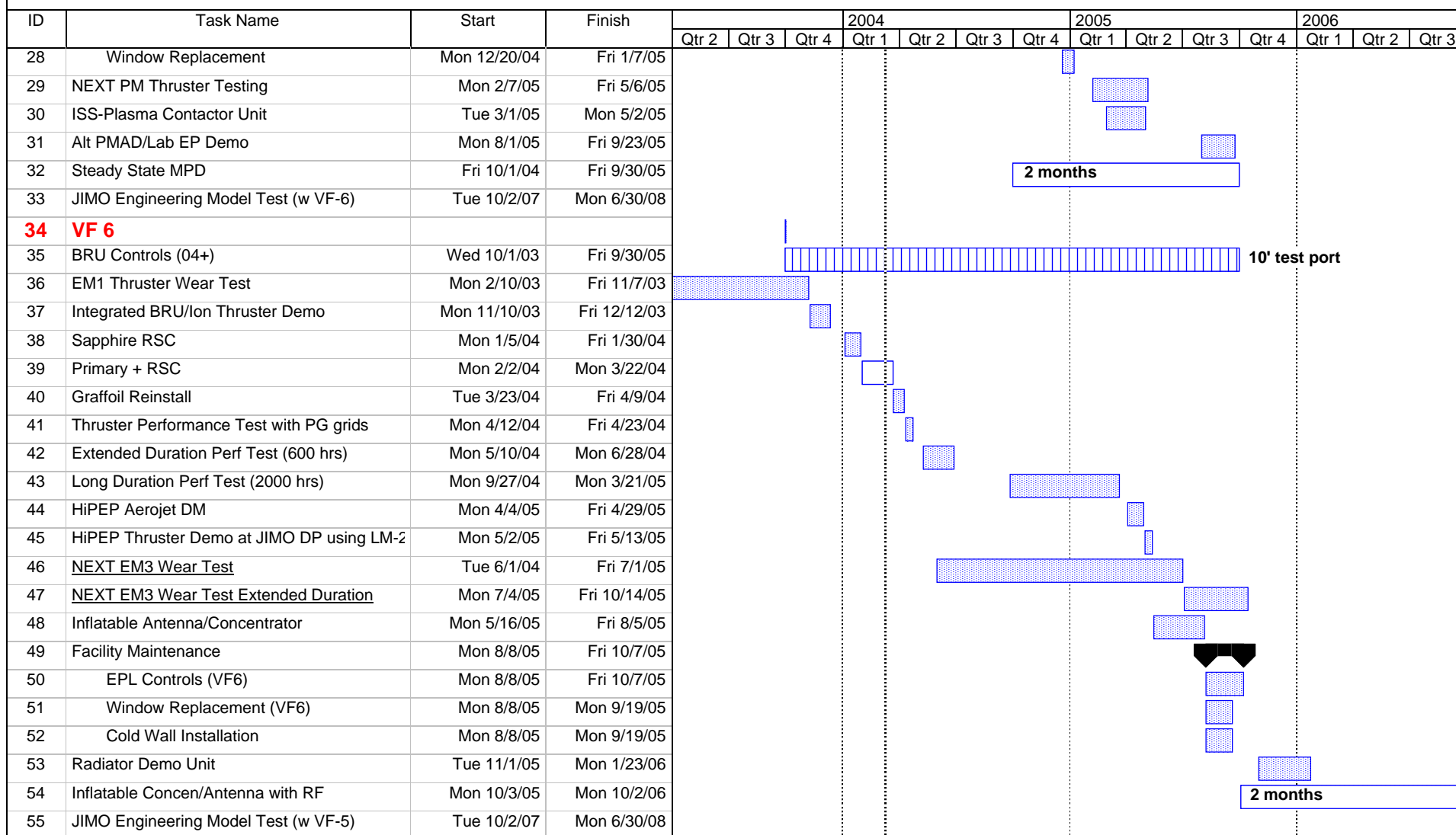
Current Schedule Revised: Wed 02/04/04

ID	Task Name	Start	Finish	2004				2005				2006		
				Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
1	<u>VACUUM FACILITIES</u>													
2	VF 1													
3	Quasi-Steady MPD Thruster (Fy'04)	Wed 10/1/03	Thu 9/30/04			75%								
4	VF 2													
5	Helicon Test	Wed 7/16/03	Tue 9/23/03											
6	HiPEP Slotted Antenna Checkout	Mon 12/15/03	Fri 1/23/04											
7	Helicon Test	Mon 12/1/03	Thu 9/30/04			50%								
8	VF 3													
9	PPT Testing	Wed 10/1/03	Thu 9/30/04			70%								
10	VF 4													
11	Non Operational	Wed 10/1/03	Wed 10/1/03											
12	VF 5													
13	Hall High Power Plume Thruster Testing	Mon 8/11/03	Fri 10/31/03			6' port								
14	N-173 Thermal Characterization	Mon 11/3/03	Fri 11/28/03			6' port								
15	Alternate Propellants Krytron N-173	Mon 12/1/03	Fri 12/19/03											
16	N-120 Version 3 Performance Mapping	Mon 12/1/03	Fri 12/19/03			S79 port								
17	Facility Shutdown for Maintenance	Mon 12/22/03	Fri 1/9/04											
18	N-120 Version 3 Performance Mapping	Mon 1/12/04	Fri 6/25/04				S79 port							
19	NASA-400 Performance Testing	Tue 1/20/04	Fri 2/27/04			6' port								
20	NASA-400M Steady State/Erosion Diag	Mon 3/1/04	Fri 4/2/04			6' port								
21	NASA-400M Ion Current	Mon 4/5/04	Fri 4/16/04			6' port								
22	NASA-457 Ver 2 Func & Perf Test	Mon 6/14/04	Fri 8/6/04				6' port							
23	NASA-457 Ver 2 Post-Vibe Test	Mon 8/23/04	Fri 8/27/04				6' port							
24	Multi-Thruster Integration Test	Mon 8/30/04	Fri 12/17/04											
25	Facility Maintenance	Mon 12/20/04	Fri 2/4/05											
26	EPL Controls (VF-5)	Mon 12/20/04	Fri 2/4/05											
27	Helium Engine Replacement	Mon 12/20/04	Fri 1/7/05											

Project: Vacuum Workarea Prepared by: Henry Speier Phone: (216) 977-7420	Task		Rolled Up Task		External Milestone	
	Progress		Rolled Up Milestone		Deadline	
	Milestone		Rolled Up Progress		Partial Occupancy	
	Summary		Split		Test Port	

Vacuum Facilities

Current Schedule Revised: Wed 02/04/04



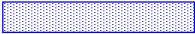
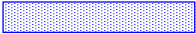










Project: Vacuum Workarea
 Prepared by: Henry Speier
 Phone: (216) 977-7420

Task		Rolled Up Task		External Milestone	
Progress		Rolled Up Milestone		Deadline	
Milestone		Rolled Up Progress		Partial Occupancy	
Summary		Split		Test Port	

Vacuum Facilities

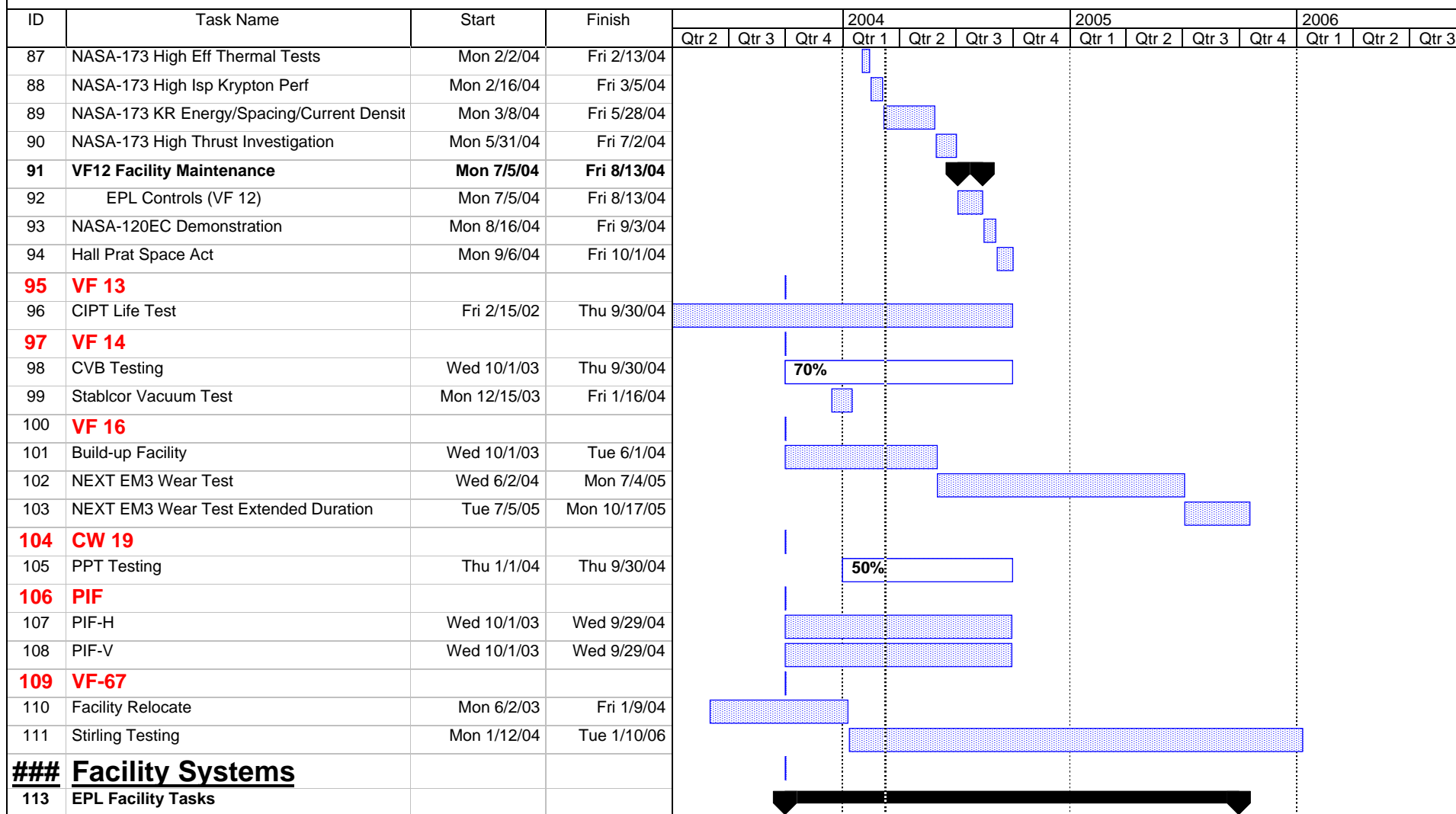
Current Schedule Revised: Wed 02/04/04

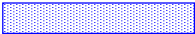
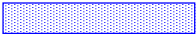










ID	Task Name	Start	Finish	2004				2005				2006		
				Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
56	VF 7													
57	Rehab VF-7	Wed 10/1/03	Thu 12/30/04											
58	Electrodeless Thruster	Fri 12/31/04	Fri 12/30/05											
59	VF 8													
60	VACO Cross Enterprise	Mon 9/22/03	Fri 10/17/03											
61	VF 9													
62	5480 Maintained	Wed 10/1/03	Wed 9/29/04											
63	VF 10													
64	Fuel Cell Condensor/Gas Dryer/Tanks	Mon 9/1/03	Fri 2/13/04											
65	Fuel Cell Condensor/Gas Dryer/Tanks	Tue 6/1/04	Mon 8/2/04											
66	RTPV System Demonstration	Mon 1/2/06	Fri 2/3/06											
67	VF 11													
68	Ti Optics Thermal Evaluation	Mon 9/8/03	Fri 9/26/03											
69	EM2/BB PPU Testing	Mon 9/29/03	Fri 10/10/03											
70	HiPEP Wave Guide/Optics Testing	Mon 10/13/03	Fri 11/28/03											
71	Sub-kW discharge Test	Mon 12/1/03	Fri 12/12/03											
72	Facility Maintenance	Mon 12/15/03	Fri 1/9/04											
73	HiPEP	Mon 1/12/04	Fri 1/30/04											
74	Sub-kW 20 cm discharge test series II	Mon 2/2/04	Fri 2/13/04											
75	40 cm thruster/PPU Checkout testing	Mon 2/16/04	Fri 2/20/04											
76	HiPEP	Mon 2/23/04	Fri 2/27/04											
77	Sub-kW 20 cm discharge test series III	Mon 3/1/04	Fri 3/12/04											
78	TBD	Mon 3/15/04	Fri 3/19/04											
79	Sub-kW 20 cm beam extraction tests	Mon 3/22/04	Fri 4/2/04											
80	Ion Related Testing: (misc)	Mon 4/5/04	Fri 5/13/05											
84	VF 12													
85	Hall 173GT	Wed 10/1/03	Fri 11/28/03											
86	Facility Mainten & Flange Install	Mon 12/1/03	Fri 1/23/04											

Project: Vacuum Workarea Prepared by: Henry Speier Phone: (216) 977-7420	Task		Rolled Up Task		External Milestone	
	Progress		Rolled Up Milestone		Deadline	
	Milestone		Rolled Up Progress		Partial Occupancy	
	Summary		Split		Test Port	

Vacuum Facilities

Current Schedule Revised: Wed 02/04/04



Project: Vacuum Workarea Prepared by: Henry Speier Phone: (216) 977-7420	Task		Rolled Up Task		External Milestone	
	Progress		Rolled Up Milestone		Deadline	
	Milestone		Rolled Up Progress		Partial Occupancy	
	Summary		Split		Test Port	

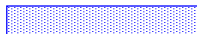
Vacuum Facilities

Current Schedule Revised: Wed 02/04/04

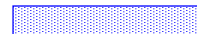
ID	Task Name	Start	Finish	2004				2005				2006		
				Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
114	Rehab EPL Controls Fy'04 & Fy'05	Wed 10/1/03	Thu 9/29/05											
115	Replace Windows and Install Sprinklers	Wed 10/1/03	Thu 9/29/05											
116	EPRB FacilityTasks													
117	Rehab EPRB Fy'04 and Fy'05	Wed 10/1/03	Tue 3/28/06											

Project: Vacuum Workarea
 Prepared by: Henry Speier
 Phone: (216) 977-7420

Task



Rolled Up Task



External Milestone



Progress



Rolled Up Milestone



Deadline



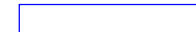
Milestone



Rolled Up Progress



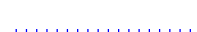
Partial Occupancy



Summary



Split



Test Port

