

NCSX Fabrication

	Job No.	Activity Name	Respon.	Dur. (Work Days)	Revised Start Date	Revised Finish Date	% Comp.	2005			2006											
								9	10	11	1	2	3	4	5	6	7	8	9	10	11	12
1	12**	VV SUBASSEMBLY		162.00	11/11/05	5/23/06	37.1%															
2	1203	VV Final Design (Job 1203) - Goranson		162.00	11/11/05	5/23/06	37.2%															
3	1203	<i>Procurement of cryostat interface flange</i>		53.00	11/11/05	1/13/06	90.0%															
4	1203	Authorize procurement of cryostat interface flange	Nelson	0.00	11/11/05	11/11/05	100.0%															
5	1204	Cryostat interface flange Requisition No. 403465	Dudek	5.00	11/14/05	11/18/05	100.0%															
6	1204	Cryostat interface flange Requisition Review/Approval/Assignment	Dudek	6.00	11/18/05	11/25/05	100.0%															
7	1204	Cryostat interface flange RFQ	Dudek	14.00	11/25/05	12/6/05	100.0%															
8	1204	Cryostat interface flange Award	Dudek	2.00	12/6/05	12/7/05	100.0%															
9	1204	Cryostat interface flange Procurement /Delivery	Dudek	25.00	12/8/05	1/13/06	79.0%															
10	1204	Receive Cryostat Interface flange for VV seg 1		0.00	1/13/06	1/13/06	100.0%															
11	1204	<i>Receive cryostat interface flanges</i>	<i>Dudek</i>	<i>0.00</i>	<i>1/13/06</i>	<i>1/13/06</i>	<i>0.0%</i>															
12	1203	<i>Procurement of H/C manifolds</i>		53.00	12/5/05	2/17/06	61.5%															
13	1203	Authorize procurement of H/C manifolds	Nelson	0.00	12/6/05	12/6/05	100.0%															
14	1204	H/C manifolds Requisition	Dudek	5.00	12/5/05	12/9/05	100.0%															
15	1204	H/C manifolds Requisition Review/Approval/Assignment	Dudek	6.00	12/6/05	12/9/05	100.0%															
16	1204	H/C manifolds RFQ	Dudek	14.00	12/12/05	12/20/05	100.0%															
				744.50																		

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								9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12						
17	1204	H/C manifolds Award	Dudek	2.00	12/20/05	1/13/06	100.0%																						
18	1204	H/C manifolds Procurement /Delivery	Dudek	25.00	1/13/06	2/17/06	20.0%																						
19	1204	Receive H/C manifold	Dudek	0.00	2/17/06	2/17/06	0.0%																						
20	1203	<i>Conduct test of H/C Tube</i>	<i>Goranson</i>	20.00	1/3/06	1/31/06	70.0%																						
21	1203	<i>Procurement of H/C tubes and attachments</i>		52.00	2/14/06	4/27/06	0.0%																						
22	1203	Authorize procurement of H/C tubes and attachments	Nelson	0.00	2/14/06	2/14/06	0.0%																						
23	1204	H/C Tube & Att. Requisition	Dudek	5.00	2/14/06	2/21/06	0.0%																						
24	1204	H/C Tube & Att. Requisition Review/Approval/Assignment	Dudek	6.00	2/22/06	3/1/06	0.0%																						
25	1204	H/C Tube & Att. RFQ	Dudek	14.00	3/2/06	3/21/06	0.0%																						
26	1204	H/C Tube & Att. Award	Dudek	2.00	3/22/06	3/23/06	0.0%																						
27	1204	H/C Tube & Att. Procurement /Delivery	Dudek	25.00	3/24/06	4/27/06	0.0%																						
28	1204	<i>Receive H/C tubes and attachments</i>	<i>Dudek</i>	0.00	4/27/06	4/27/06	0.0%																						
29	1204	<i>VV Vertical Supports Procurements</i>		120.00	12/19/05	3/30/06	47.2%																						
30	1204	G-11CR Parts Procurement	Dudek	12.00	12/22/05	3/30/06	44.4%																						
31	1204	Titanium Rod Ends Procurement	Dudek	64.00	12/19/05	3/24/06	50.0%																						
32	1203	<i>Develop layout of thermocouples on 120-degree segment</i>	<i>Goranson</i>	0.00	1/20/06	1/20/06	0.0%																						
33	1203	<i>Conduct PDR for Local I&C</i>	<i>Goranson</i>	0.00	2/3/06	2/3/06	0.0%																						
34	1203	<i>Conduct FDR for Local I&C</i>	<i>Goranson</i>	0.00	3/3/06	3/3/06	0.0%																						
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								9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12									
35	1203	<i>Finalize procurement package for Local I&C</i>	<i>Goranson</i>	0.00	3/10/06	3/10/06	0.0%																									
36	1203	<i>Procurement of Local I&C</i>		52.00	3/13/06	5/23/06	0.0%																									
37	1203	Authorize procurement of Local I&C	Nelson	0.00	3/13/06	3/13/06	0.0%																									
38	1204	Local I&C Requisition	Dudek	5.00	3/13/06	3/17/06	0.0%																									
39	1204	Local I&C Requisition Review/Approval/Assignment	Dudek	6.00	3/20/06	3/27/06	0.0%																									
40	1204	Local I&C RFQ	Dudek	14.00	3/28/06	4/14/06	0.0%																									
41	1204	Local I&C Award	Dudek	2.00	4/17/06	4/18/06	0.0%																									
42	1204	Local I&C Procurement /Delivery	Dudek	25.00	4/19/06	5/23/06	0.0%																									
43	1204	<i>Receive Local I&C</i>	<i>Dudek</i>	0.00	5/23/06	5/23/06	0.0%																									
44	1203	<i>Procure Sample Heater Tape</i>	<i>Dudek</i>	1.00	1/3/06	1/23/06	100.0%																									
45	1203	<i>Test Sample Heater Tape</i>	<i>Goranson</i>	10.00	1/24/06	1/24/06	50.0%																									
46	1203	<i>Conduct FDR for Port 12 heater tape to support procurement</i>	<i>Goranson</i>	5.00	1/31/06	2/6/06	0.0%																									
47	1203	<i>Finalize procurement package for Port 12 heater tape</i>	<i>Goranson</i>	5.00	2/7/06	2/13/06	0.0%																									
48	1203	<i>Procurement of Port 12 heater tape</i>		52.00	2/13/06	4/26/06	0.0%																									
49	1203	Authorize procurement of heater tape	Nelson	0.00	2/13/06	2/13/06	0.0%																									
50	1204	Heater tape Requisition	Dudek	5.00	2/14/06	2/20/06	0.0%																									
51	1204	Heater tape Requisition Review/Approval/Assignment	Dudek	6.00	2/21/06	2/28/06	0.0%																									
52	1204	Heater tape RFQ	Dudek	14.00	3/1/06	3/20/06	0.0%																									
53	1204	Heater tape Award	Dudek	2.00	3/21/06	3/22/06	0.0%																									
54	1204	Heater tape Procurement /Delivery	Dudek	25.00	3/23/06	4/26/06	0.0%																									
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								9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
55	1204	<i>Receive Port 12 heater tape and attaching hardware</i>	<i>Dudek</i>	0.00	4/26/06	4/26/06	0.0%																	
56	1250	VVSA Fabrication (Job 1250) - Viola		0.00	3/15/06	3/15/06	0.0%																	
57	1250	<i>Receive / acceptance of 1st VVSA</i>	<i>Viola</i>	0.00	3/15/06	3/15/06	0.0%																	
58	18**	FIELD PERIOD ASSEMBLY		204.00	11/1/05	10/26/06	14.8%																	
59	1802	FPA Oversight and Support (Job 1802) - Viola		30.13	1/9/06	2/20/06	0.0%																	
60	1802	<i>Develop draft procedure for mounting 120-degree segment in Station 1 and performing receipt inspection. Issue for review.</i>	<i>Viola</i>	10.00	1/9/06	1/20/06	0.0%																	
61	1802	<i>Finalize procedure for mounting 120-degree segment in Station 1 and performing receipt inspection</i>	<i>Viola</i>	10.00	1/23/06	2/6/06	0.0%																	
62	1802	<i>D-Site Work Permit / Authorize WP form for Installation to commence</i>	<i>Viola</i>	0.00	2/6/06	2/6/06	0.0%																	
63	1802	<i>Conduct JHA/training/pre-job brief for mounting 120-degree segment in Station 1 and performing receipt</i>	<i>Viola</i>	4.00	2/7/06	2/13/06	0.0%																	
64	1802	<i>Conduct ACC Review</i>	<i>Viola</i>	1.00	2/13/06	2/14/06	0.0%																	
65	1802	<i>Address ACC recommendations</i>	<i>Viola</i>	3.00	2/14/06	2/17/06	0.0%																	
66	1802	<i>Authorize initial operation of Station 1</i>	<i>Viola</i>	1.00	2/17/06	2/20/06	0.0%																	
67	1802	<< <i>Station 1 authorized for mounting and receipt inspection</i> >>		0.00	2/17/06	2/17/06	0.0%																	
68	1802	<i>Expand Station 1 procedure to include metrology set-up and initial layout</i>																						
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							9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12								
69	1802	Complete Station 1 procedure. Issue for review.																												
70	1802	Finalize Station 1 procedure																												
71	1802	<< Procedures ready to complete Station 1 activities >>																												
72	1803	FPA Tooling and Constructability (Job 1803) - Brown		38.00	11/1/05	1/24/06	81.2%																							
73	1803	Develop assembly sequence		5.00	12/5/05	12/9/05	100.0%																							
74	1803	Peer review assembly sequence	Brown	0.00	12/8/05	12/8/05	100.0%																							
75	1803	Finalize assembly sequence	Brown	10.00	12/9/05	12/22/05	100.0%																							
76	1803	Fabricate Station 1 assembly fixture and PPPL	Dudek	25.00	11/1/05	1/20/06	80.1%																							
77	1803	Clear North Area of FPA area / Install fixture in Test Cell	Viola	2.00	1/23/06	1/24/06	0.0%																							
78	1803	<< Station 1 fixture assembled >>		0.00	1/24/06	1/24/06	0.0%																							
79	1810	Field Period Assembly (Job 1810) - Viola		185.00	11/28/05	10/26/06	0.0%																							
80	1810	Receive and inspect VVSA (on pallet)	Viola	0.00	3/15/06	3/15/06	0.0%																							
81	1810	Prep 120-degree segment for mounting on Station 1 fixture (includes installation of cryostat interface flange, port flanges, etc.)	Viola	3.00	3/15/06	3/17/06	0.0%																							
82	1810	Check CG and mount 120-degree segment on Station 1 fixture	Viola	1.00	3/22/06	3/22/06	0.0%																							
83	1810	Develop metrology procedure for performing the initial metrology setup. Issue for review.	Raftopoulos	10.00	11/28/05	12/9/05	0.0%																							
84	1810	Issue metrology procedure for review (Station 1 Act)	Raftopoulos	0.00	12/9/05	12/9/05	0.0%																							
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								9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
								1	2	3	4	5	6	7	8	9	10	11	12				
85	1810	Finalize metrology procedure for performing the initial metrology setup	Raftopoulos	10.00	12/9/05	12/23/05	0.0%																
86	1810	Develop draft metrology procedure for laying out magnetic diagnostics, H/C Lines. Issue for review.	Raftopoulos	10.00	12/2/05	12/15/05	0.0%																
87	1810	Leica Verisurf Training	Raftopoulos	3.00	2/27/06	3/1/06	0.0%																
88	1810	Finalize draft procedure for laying out magnetic diagnostics, H/C lines	Raftopoulos	10.00	3/2/06	3/15/06	0.0%																
89	1810	Metrology set-up and initial settings	Viola	4.00	3/23/06	3/28/06	0.0%																
90	1810	Lay out magnetic diagnostics, H/C lines, and thermocouple wiring	Viola	24.00	3/29/06	5/1/06	0.0%																
91	1810	<< 120-degree segment ready for installation activities >>	Viola	0.00	5/8/06	5/8/06	0.0%																
92	1810	Install heater tape on vertical ports	Viola	4.00	5/9/06	5/15/06	0.0%																
93	1810	Verify installation of heater tapes	Viola	1.00	5/17/06	5/17/06	0.0%																
94	1810	Install magnetic diagnostics	Viola	48.00	5/18/06	7/24/06	0.0%																
95	1810	Terminate and verify magnetic diagnostics	Viola	10.50	7/25/06	8/8/06	0.0%																
96	1810	Attach studs for H/C lines	Viola	16.00	8/8/06	8/29/06	0.0%																
97	1810	Install H/C lines, headers, and manifolds	Viola	24.00	8/30/06	10/3/06	0.0%																
98	1810	Verify installation of H/C lines, headers, and manifolds	Viola	5.00	10/3/06	10/9/06	0.0%																
99	1810	Install Local I&C (including thermocouples)	Viola	7.00	10/10/06	10/18/06	0.0%																
100	1810	Verify installation of Local I&C	Viola	3.00	10/19/06	10/23/06	0.0%																
				744.50				9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12