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	Job No.	Activity Name	Respon.	Dur. (Work Days)	Revised Start Date	Revised Finish Date	% Comp.	\vdash	Dec 12		4		lan I	6 23	3 30	1	eb (1	27		ar 0		27	Ap 3 10	r 06	_		May		2 29	lun (_
1	1203	VV Final Design (Job 1203) -			9/30/05	5/23/06	9.4%	J	12	13	20	_	J 1	0 20	7 30		10	20	<i>L</i> 1	U	10	20 2		5 10	, , , ,	2-7	•		5 22	23		12
	1203	Goranson Procurement of cryostat interface		53.00	11/11/05	1/13/06	63.9%																									
2	4004	flange					2.20/																						1			
3	1204	Receive cryostat interface flanges	Dudek	0.00	1/13/06	1/13/06	0.0%																									
4	1203	Procurement of H/C manifolds		53.00	12/5/05	2/3/06	23.0%					4	ļ		Ļ																	
5	1204	Receive H/C manifold	Dudek	0.00	2/3/06	2/3/06	0.0%								<																	
6	1203	Conduct test of H/C Tube	Goranson	18.00	12/20/05	1/20/06	0.0%					<u> </u>	<u> </u>					Add	led t	heri	mal	Tes	t ac	tivity	for	a pr	ototy	ype F	1/C 1	tube		
7	1203	Conduct FDR for H/C tubes and attachments	Goranson	0.00	1/27/06	1/27/06	0.0%			(-																		
8	1203	Finalize procurement package for H/C tubes and attachments	Goranson	0.00	2/9/06	2/9/06	0.0%					•	\			V	>															
9	1203	Procurement of H/C tubes and attachments		52.00	2/10/06	4/24/06	0.0%						,	-	H								+									
10	1204	Receive H/C tubes and attachments	Dudek	0.00	4/24/06	4/24/06	0.0%																•		\vdash							
11	1204	VV Vertical Supports Procurements		120.00	9/30/05	3/24/06	0.0%																									
12	1203	Develop layout of thermocouples on 120-degree segment	Goranson	0.00	1/20/06	1/20/06	0.0%						•																			
13	1203	Conduct PDR for Local I&C	Goranson	0.00	2/3/06	2/3/06	0.0%																									
14	1203	Conduct FDR for Local I&C	Goranson	0.00	3/3/06	3/3/06	0.0%													,												
15	1203	Finalize procurement package for Local I&C	Goranson	0.00	3/10/06	3/10/06	0.0%													*												
16	1203	Procurement of Local I&C		52.00	3/13/06	5/23/06	0.0%													ų	\dashv	-	+	+	H			+	-	П		
17	1204	Receive Local I&C	Dudek	0.00	5/23/06	5/23/06	0.0%																						\	П		
18	1203	Conduct FDR for heater tape	Goranson	0.00	12/1/05	12/1/05	0.0%	,																								
19	1203	Finalize procurement package for heater tape	Goranson	0.00	12/6/05	12/6/05	0.0%	•																								
20	1203	Procurement of heater tape		52.00	12/6/05	2/24/06	0.0%	-				+																				
21	1204	Receive heater tape and attaching hardware	Dudek	0.00	2/24/06	2/24/06	0.0%																									
22	1250	VVSA Fabrication (Job 1250) - Viola		0.00	3/27/06	3/27/06	0.0%			v													,									
				776.66				5	12	19	26	2	9 1	6 23	3 30	6	13	20	27	6	13	20 2	27	3 10	17	24	1	8 1	5 22	2 29	5	12

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	Job No.	Activity Name	Respon.	(Work Days)	Start Date	Revised Finish Date	% Comp.	5	12	19	26	2	9 -	16 2	23 3	60 E	3 13	3 20	27	6	13	20 2	27	3 10	17	24				29	5 12
23	1250	Receive / acceptance of 1st VVSA	Viola	0.00	3/27/06	3/27/06	0.0%			0)								
24	1802	FPA Oversight and Support (Job 1802) - Viola		30.12	11/25/05	2/10/06	41.4%						4									Ĭ									
25	1802	Develop draft procedure for mounting 120-degree segment in Station 1 and performing receipt inspection. Issue for review.	Viola	10.00	11/25/05	1/13/06	71.4%																								
26	1802	Finalize procedure for mounting 120-degree segment in Station 1 and performing receipt inspection	Viola	10.00	1/16/06	1/27/06	0.0%						7		1																
27	1802	D-Site Work Permit / Authorize WP form for Installation to commence	Viola	0.00	1/27/06	1/27/06	0.0%			(-				+																	
28	1802	Conduct JHA/training/pre-job brief for mounting 120-degree segment in Station 1 and performing receipt inspection	Viola	4.00	1/30/06	2/3/06	0.0%								\\	7															
29	1802	Conduct ACC Review	Viola	1.00	2/6/06	2/6/06	0.0%									1															
30	1802	Address ACC recommendations	Viola	3.00	2/7/06	2/9/06	0.0%					[\ -															
31	1802	Authorize initial operation of Station 1	Viola	1.00	2/10/06	2/10/06	0.0%						Ė]		Ţ															
32	1802	<< Station 1 authorized for mounting and receipt inspection >>		0.00	2/10/06	2/10/06	0.0%						\	+		7															
33	1802	Expand Station 1 procedure to include metrology set-up and initial layout steps.																													
34	1802	Complete Station 1 procedure. Issue for review.																													
35	1802	Finalize Station 1 procedure																													
36	1802	<< Procedures ready to complete Station 1 activities >>																													
37	1803	FPA Tooling and Constructability (Job 1803) - Brown		36.00	11/1/05	1/11/06	56.0%						•																		
38	1803	Develop assembly sequence	Brown	0.00	12/2/05	12/2/05	100.0%																								
39	1803	Peer review assembly sequence	Brown	0.00	12/8/05	12/8/05	100.0%	X																							
40	1803	Finalize assembly sequence	Brown	0.00	12/9/05	12/9/05	0.0%	\																							
41	1803	Fabricate Station 1 assembly fixture at PPPL	Dudek	25.00	11/1/05	1/9/06	59.1%																								
42	1803	Clear North Area of FPA area / Install fixture in Test Cell	Viola	2.00	1/10/06	1/11/06	0.0%																								
				776.66	6			5	12	19	26	2	9 -	16 2	23 3	10 E	3 13	3 20	27	6	13	20 2	27	3 10	17	24	1 8	3 15	22	29	5 12

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	Job No.	Activity Name	Respon.	(Work Days)	Revised Start Date	Revised Finish Date	% Comp.	5	12	19	26	2	9 1	6 23	30	6	13 2	20 2	7 6	13	20	27	3 10	T	1		8 15		29	5 12
43	1803	<< Station 1 fixture assembled >>		0.00	1/11/06	1/11/06	0.0%		1	7			7																	
44	1810	Field Period Assembly (Job 1810) - Viola		185.00	11/28/05	11/7/06	0.0%																							
45	1810	Receive and inspect VVSA (on pallet)	Viola	0.00	3/27/06	3/27/06	0.0%						Ŧ					\rightarrow	+			>								
46	1810	Prep 120-degree segment for mounting on Station 1 fixture (includes installation of cryostat interface flange, port flanges, etc.)	Viola	3.00	3/27/06	3/29/06	0.0%														Ĭ									
47	1810	Check CG and mount 120-degree segment on Station 1 fixture	Viola	1.00	4/3/06	4/3/06	0.0%															ļ								
48	1810	Develop metrology procedure for performing the inital metrology setup. Issue for review.	Raftopoulos	10.00	11/28/05	12/9/05	0.0%																							
49	1810	Issue metrology procedure for review (Station 1 Act)	Raftopoulos	0.00	12/9/05	12/9/05	0.0%																							
50	1810	Finalize metrology procedure for performing the inital metrology setup	Raftopoulos	10.00	12/9/05	12/23/05	0.0%	Ť																						
51	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%																							
52	1810	Finalize draft procedure for laying out magnetic diagnostics, H/C lines	Raftopoulos	10.00	12/16/05	1/6/06	0.0%																							
53	1810	Metrology set-up and initial settings	Viola	4.00	4/4/06	4/7/06	0.0%															ļ								
54	1810	Lay out magnetic diagnostics, H/C lines, and thermocouple wiring	Viola	24.00	4/10/06	5/11/06	0.0%										_										, _			
55	1810	<< 120-degree segment ready for installation activities >>	Viola	0.00	5/18/06	5/18/06	0.0%																					>		
56	1810	Install heater tape on vertical ports	Viola	4.00	5/19/06	5/25/06	0.0%																				ĺ			
57	1810	Verify installation of heater tapes	Viola	1.00	5/29/06	5/29/06	0.0%													P								Ţ		
58	1810	Install magnetic diagnostics	Viola	48.00	5/30/06	8/3/06	0.0%																							+
59	1810	Terminate and verify magnetic diagnostics	Viola	10.50	8/4/06	8/18/06	0.0%																							
60	1810	Attach studs for H/C lines	Viola	16.00	8/18/06	9/8/06	0.0%																							
61	1810	Install H/C lines, headers, and manifolds	Viola	24.00	9/11/06	10/13/06	0.0%												T											
62	1810	Verify installation of H/C lines, headers, and manifolds	Viola	5.00	10/13/06	10/19/06	0.0%												Ī											
				776.66				5	12	19	26	2	9 1	6 23	30	6	13 2	20 2	7 6	13	20	27	3 10	17	24	1	8 15	22	29	5 12

	Job		_	Dur.	Revised	Revised		I	Dec	05		Ja	ın 06	5	ı	eb	06		M	ar ()6		Ap	r 06	5		May	06	J	Jun (06
	No.	Activity Name	Respon.	(Work Days)	Start Date	Finish Date	% Comp.	5	12	19	26	2 9	16	23	30	3 13	3 20	27	6	13	20 2	27	3 10	17	24	1	8	15 22	2 29	5	12
63	1810	Install Local I&C (including thermocouples)	Viola	7.00	10/20/06	10/30/06	0.0%																								
64	1810	Verify installation of Local I&C	Viola	3.00	10/31/06	11/2/06	0.0%																								
65	1810	Prepare and transfer completed 120-degree VV assembly to holding area	Viola	3.00	11/3/06	11/7/06	0.0%																								
66	1810	<< 1st 120-degree VV assembly is complete >>	Viola	0.00	11/7/06	11/7/06	0.0%																								
67	1804	FPA Measurement Systems (Job 1804) - Raftopoulos		15.00	12/5/05	12/23/05	41.4%			-																					
68	1804	Upgrade laser tracker and associated software to be fully compatible with metrology needs for Station 1	Raftopoulos	10.00	12/5/05	12/16/05	62.1%																								
69	1804	Train FPA technicians in the use of the laser tracker and Romer arm and in the performance of metrology procedures	Raftopoulos	5.00	12/19/05	12/23/05	0.0%																								
70	1901	Stellarator Core Mgmt and Integration (Job 1901 - Nelson)		30.00	12/9/05	1/27/06	0.0%	•																							
71	1901	Complete assembly drawings	Brown	10.00	12/9/05	12/22/05	0.0%			- 																					
72	1901	Develop product specification for Station 1 Assembly			12/23/05	1/13/06	0.0%			Š																					
73	1901	Conduct FDR for Station 1 Assembly	Brown	5.00	1/16/06	1/20/06	0.0%																								
74	1901	Release spec and assembly drawings for fabrication	Nelson	5.00	1/23/06	1/27/06	0.0%																								
75	3101	Magnetic Diagnostics (Job 3101) - Stratton		73.16	11/15/05		1.2%												,												
76	3101	Conduct magnetic diagnostics PDR	Labik	0.00	11/15/05	11/15/05	100.0%		.																						
77	3101	Conduct magnetic diagnostics FDR for templates and Period 2	Labik	0.00	12/13/05		0.0%																								
78	3101	Develop procedure for installing magnetic diagnostics. Issue for review.	Labik	10.00	1/30/06	2/10/06	0.0%																								
79	3101	Finalize procedure for installing magnetic diagnostics	Labik	10.00	2/15/06	2/28/06	0.0%																								
80	3101	Finalize procurement package for templates	Labik	0.00	12/14/05		0.0%																								
81	3101	Authorize procurement of MD templates		52.16	12/14/05	3/6/06	0.0%												•												
82	3101	Procure MI cable	Labik	0.00	1/9/06	1/9/06	0.0%							J																	
			_	776.66				5	12	19	26	2 9	16	23	30	3 13	3 20	27	6	13	20 2	27	3 10	17	24	1	8	15 22	2 29	5	12

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	No.		Respon.	Days)	Start Date	Finish Date		5	12	19	26	2	9 16	23	30 6	3 13	20	27	6 1	3 2	0 2	7 3	10	17	24	1 8	15	22	29	5 12	
83	3101	Procure remaining materials (wire, tab material, junction boxes, feedthroughs, etc.)	Labik	0.00	1/24/06	1/24/06	0.0%		-																						
84	3101	Design and fab tooling and clamps	Labik	0.00	1/24/06	1/24/06	0.0%		\rightarrow									L													
85	3101	<< Ready to install Period 2 magnetic diagnostics >>	Labik	0.00	2/27/06	2/27/06	0.0%										H														
86	8205	Dimensional Control (Job 8205) - Stratton		13.00	11/23/05		4.8%																								
87	8205	Develop Dimensional Control Plan for Station 1 activities	Stratton	0.00	11/23/05		100.0%																								
88	8205	Finalize Dimensional Control Plan for Station 1 activities	Stratton	10.00	11/28/05	12/23/05	0.0%																								
89																															
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