



Annex T2 - Contract planning for F4E-GRT-012 (PMS-DG)

Project period: 01.10.09 to 05.09.11

Activity ID	Activity Code	Activity Name	Planned Start	Planned Finish	Actual Start	Actual Finish	Original Duration	RES	2011	Jun	Jul	Aug	Sep	Oct
F4E-GRT-012 (PMS-DG)			21.04.09	05.09.11	15.12.09		611d							
Task M: Grant Management			15.12.09	05.09.11	15.12.09		441d							
1000		Planning Start	01.07.10		15.12.09		0d	CSR						
1020		Grant Management Start	01.07.10	01.07.10	15.12.09	15.12.09	1d	JBL						
1030		Planning End		23.06.11		06.06.11	0d	CSR						
Task M.I: Scope Management			01.07.10	23.06.11	15.12.09	06.06.11	252d							
Task M.II: Time Management			01.07.10	23.06.11	15.12.09	06.06.11	252d							
Task M.III: HR Management			16.12.09	01.07.11	16.12.09		394d							
Task M.IV: Risk Management			23.02.10	01.07.10	15.12.09	27.04.10	88d							
Task M.V: Quality Management			16.12.09	23.06.11	16.12.09	06.06.11	388d							
Task M.VI: Communication management			15.12.09	05.09.11	15.12.09		441d							
Task M.VI.1: Manage Stakeholders			15.12.09	05.09.11	15.12.09		441d							
3f		Manage the Stakeholders Start	15.12.09		15.12.09		0d	MQT						
3f		Signature of the GA notified by F4E	23.12.09		23.12.09		0d	MQT						
3f	T.M.0	Prepare QP and KoM	23.12.09	07.01.10	23.12.09	07.01.10	10d	JBL						
3f	D.M.0	Submission of outline OP to F4E (A.P1. B...	07.01.10	07.01.10	07.01.10	07.01.10	1d	CSR						
3f		Kick off Meeting (KoM)	03.02.10	03.02.10	03.02.10	03.02.10	1d	F4E						
3f	T.M.1	Update QP	04.02.10	09.04.10	04.02.10	09.04.10	47d	CSR						
3f	T.M.2	Prepare and submit KoM MoM to F4E	04.02.10	09.04.10	04.02.10	09.04.10	47d	CSR						
4f	M.M.0	H=0 (GA signature) +3m delay on delivera...	02.04.10		02.04.10		0d	F4E						
4f	D.M.1	Submit operational QP to F4E	12.04.10	12.04.10	12.04.10	12.04.10	1d	CSR						
4f	HP.1	QP validation by F4E	13.04.10	13.04.10	13.04.10	13.04.10	1d	F4E						
4f	M.M.1	Release of operational QP (TECHNICAL ...		13.04.10		13.04.10	0d	F4E						
4f		Work completion starts (TECHNICAL WO...	05.07.11				0d	JBL						
4f	T.M.3.1	Assemble Full DFR	05.07.11	18.07.11			10d	JBL						
4f	D.M.3	Full DFR submitted to F4E	19.07.11	19.07.11			1d	CSR						
4f	T.M.3.2	Final Meeting with F4E with updated quali...	20.07.11	21.07.11			2d	JBL						
4f	HP.3	Full DFR validation by F4E	22.07.11	04.08.11			10d	F4E						
4f	M.M.3	Full DFR approved by F4E		04.08.11			0d	F4E						
4f	T.M.4.1	Update OP, Foreground declaration	05.08.11	18.08.11			10d	CSR						
4f	T.M.4.2	Compile final ADP	19.08.11	19.08.11			1d	CSR						
4f	D.M.4	Release Note submitted to F4E	22.08.11	22.08.11			1d	CSR						
4f	M.M.4	Release Note accepted by F4E		05.09.11			0d	F4E						
Task M.VI.2: Regular Meetings			12.04.10	23.06.11	12.04.10		287d							
Task M.VII: Financial management			15.12.09	05.09.11	15.12.09		441d							
9050		Set up accounting for contract	15.12.09	13.01.10	15.12.09	13.01.10	20d	SJ						
9100		Prepare and submit intermediate invoice	13.06.11	24.06.11			10d	SJ						
9110		Prepare and submit final invoice	23.08.11	05.09.11			10d	SJ						
Action A: Calibration and test strategy and Develop test rigs			14.04.10	10.06.11	13.04.10		298d							
Action B: Construct prototypes			21.04.09	06.01.11	14.04.10	12.05.11	442d							
Action C: Calibration and Testing			01.07.10	18.07.11	30.03.10		269d							
8000		Action C Start	01.07.10		27.04.10		0d	JBL						
9000	D.C.II.3	Final report on Action C (C.P5) [+10m]	06.05.11	06.05.11	21.04.11	27.05.11	1d	CSR						
9010		Action C Finish		04.07.11			0d	JBL						
Task C.I: Define test procedures			01.07.10	07.01.11	08.05.10	22.11.10	137d							
Task C.II: Execute tests			01.07.10	18.07.11	01.05.10		269d							
Task C.II.1: Test ex-vessel coil			01.07.10	18.07.11	01.05.10		269d							
1f	T.C.II.0	Skeleton DFR on ex-vessel coil testing	01.07.10	14.07.10	01.05.10	17.05.10	10d	PhMo						
1f		Start of ex-vessel coil testing	15.12.10		22.11.10		0d	JBL						
1f	T.C.II.1.1	Vacuum compatibility of ex-vessel coil A	01.03.11	28.03.11	22.11.10		20d	PMD						
1f	T.C.II.1.2	Mechanical robustness of ex-vessel coil A	07.06.11	27.06.11			15d	PMD						
1f	T.C.II.1.3	Temperature rise measurement of ex-ve...	19.04.11	09.05.11	01.03.11	17.05.11	15d	PMD						
1f	T.C.II.1.4	Visual X-rays tests of ex-vessel coil A	28.06.11	04.07.11			5d	AL						
1f	T.C.II.1.5.1	Measure R, L, C of ex-vessel coil B and A	15.12.10	21.12.10	22.11.10	24.01.11	5d	PMD						
1f	T.C.II.1.5.2	Insulation resistance inter-turn and casing	01.03.11	07.03.11	01.03.11	02.05.11	5d	AL						
1f	T.C.II.1.5.3	Effective area measurement of ex-vessel ...	29.12.10	11.01.11	22.11.10	21.04.11	10d	AL						
1f	T.C.II.1.5.4	Sensitivity to stray field of ex-vessel coil B ...	01.03.11	21.03.11	01.03.11	21.04.11	15d	JMM						
1f	T.C.II.1.5.5	Frequency response (10 Hz - 1 kHz) from ...	22.02.11	28.02.11	25.01.11	14.02.11	5d	PMD						
1f	M.C.II.1	Ex-vessel sensor tests completed		04.07.11			0d	CSR						
1f	T.C.II.1.6	Complete DFR on ex-vessel sensor tests	04.04.11	08.04.11	04.04.11	27.05.11	5d	PP						
1f	D.C.II.1	DFR on testing of the ex-vessel coils (C.P...	04.04.11	04.04.11	21.04.11	27.05.11	1d	CSR						
1f	HP.10	Validation of tests by F4E	04.04.11	15.04.11	21.04.11		10d	F4E						
1f	M.C.II.3	Ex-vessel tests and report approved by F4E		18.07.11			0d	F4E						
Task C.II.2: Test Rogowski coil			01.07.10	21.06.11	01.05.10		269d							
1f	T.C.II.2.0	Skeleton DFR on Rogowski testing	01.07.10	14.07.10	01.05.10	17.05.10	10d	PhMo						
1f		Start of Rogowski Testing	15.12.10		30.11.10		0d	JBL						
1f	M.C.II.2	Rogowski coil tests completed		14.03.11		21.04.11	0d	CSR						
1f	T.C.II.2.0.1	Complete DFR on Rogowski coil testing	08.03.11	14.03.11	08.03.11	26.05.11	5d	PP						
1f	D.C.II.2	DFR on testing of the Rogowski submitte...	08.03.11	08.03.11	21.04.11	27.05.11	1d	CSR						
1f	HP.11	Validation of tests by F4E	08.03.11	21.03.11	21.04.11		10d	F4E						
1f	M.C.II.4	Rogowski tests and report approved by F4E		21.06.11			0d	F4E						
Task C.II.3: Mechanical thermal tests			15.12.10	07.06.11	15.01.10		122d							
1f	T.C.II.2.1	Vacuum compatibility Rogowski of coil C1...	15.12.10	08.02.11	30.11.10	05.05.11	40d	PMD						
1f		Transport Coils D1 and D2 to CRPP	15.12.10	21.12.10	01.12.10	02.12.10	5d							
1f	T.C.II.2.2.1	Mechanical robustness @ 4K - 453K of co...	01.03.11	07.03.11	01.03.11	21.04.11	5d	JBL						
1f	T.C.II.2.2.2	Thermal expansion @ 4K - 453K of coil D...	01.03.11	07.03.11	01.03.11	21.04.11	5d	JBL						
1f	T.C.II.2.2.3	Thermal cycling of coil D1 and D2	01.03.11	07.03.11	01.03.11	21.04.11	5d	JBL						
1f	T.C.II.2.2.4	Transport of coil D1 and D2	01.03.11	07.03.11	01.03.11	20.03.11	5d							
1f	T.C.II.2.2.5	Visual X-rays tests before-after cycling of...	01.06.11	07.06.11			5d	AL						
Task C.II.4: Electrical tests			01.07.10	07.06.11	15.01.11	05.05.11	20d							
1f	T.C.II.2.3.1	Measure R, L, C Rogowski of coil E1 and ...	01.02.11	07.02.11	15.01.11	24.01.11	5d	PMD						
1f	T.C.II.2.3.2	Frequency response (10 Hz - 1 kHz) of coil...	01.02.11	07.02.11	25.01.11	14.02.11	5d	PMD						
1f	T.C.II.2.3.3	Measurement of winding uniformity includi...	01.03.11	14.03.11	01.03.11	05.05.11	10d	PMD						
1f	T.C.II.2.3.4	Sensitivity to stray field of coil E1 and E2	01.03.11	14.03.11	01.03.11	05.05.11	10d	PP						
Task C.III: Extrapolate to ITER			01.07.10	08.04.11	30.03.10	27.05.11	202d							

Project Baseline Bar
 Remaining Work
 Baseline Milestone
 Summary

Actual Work
 Critical Remaining Work
 Milestone

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