Measurement Information Specification Project Schedule Organization 1

Version 1.0

Information Need Description						
Information	• Is the schedule being followed?					
Need	• How many tasks are behind schedule?					
Information	Schedule and Progress					
Category						

Measurable Concept						
Measurable	Milestone Performance					
Concept	Work Unit Progress					

Entities and Attributes						
Relevant Entities	Schedule					
Attributes	Tasks					

Base Measure Specification							
	1. Planned start dates						
Rase Measures	2. Planned end dates						
Dasc measures	3. Actual start dates						
	4. Actual end dates						
	1. Plans are based on engineering judgment and documented in project plan. Each						
	WBS element, including all defined tasks and activities, should be included.						
Magguramont	2. Same as number 1.						
	3. Actual start is based on a task beginning and the defined entrance criteria have						
Methods	been satisfied.						
	4. Actual completion is based on task completion where the defined exit criteria						
	have been satisfied.						
	1. Subjective						
T	2. Subjective						
Type of Method	3. Objective						
	4. Objective						
Scale	Valid Dates						
Type of Scale	Nominal						
Unit of	Days						
Measurement							

Derived Measure Specification								
Derived Measure1. Total Planned Tasks 2. Total Actual Tasks 3. Task Completion Percentage								
Measurement Function	 Sum of the number of tasks where planned end dates are less than or equal to the relevant period. Sum of the number of tasks where actual end dates are less than or equal to the relevant period. (Total Actual Tasks - Total Planned Tasks)/Total Planned Tasks 							



Data Collection Procedure (For Each Base Measure)										
Frequency of	Monthly									
Data Collection										
	• Project leads are responsible for maintaining MS Project file.									
Responsible	Measurement Analyst is responsible for project analysis and reporting to org									
Individual	measurement.									
	Org. Measurement Analyst is responsible for organization analysis.									
Phase or Activity	All									
in which										
Collected										
Tools Used in	MS Project, Gantt charts (project level)									
Data Collection										
Verification and	Check to ensure that actual data has been updated for current month.									
Validation										
Repository for	PAL and PSM Insight									
Collected Data										

Data Analysis Procedure (For Each Indicator)							
Frequency of	Monthly						
Data Reporting							
	1. Project Measurement Analyst (project level)						
Responsible	2. Project Measurement Analyst(project level) and						
Individual	Org. Measurement Analyst (org. level)						
	3,4. Org. Measurement Analyst (org. level)						
Phase or Activity	All						
in which							
Analyzed							
Source of Data	1. MS Project						
for Analysis	2-4. PSM Insight						
Tools Used in	PSM Insight						
Analysis							
Review Report	1. Project Leader, BAM						
an Haan	2. Project Leader, BAM, Senior Management						
or User	3,4. BAMs, Senior Management						

Additional Information								
Additional Analysis Guidance	May want to draw indicators for critical path items, or look at variations with selected areas.If tasks are behind schedule, analyze staffing and defect trends.							
Implementation Considerations	 A good MS Project file makes this measure easier to collect. The MS Project file should have sufficient detail and should be updated regularly. Interdependencies and critical path items should be identified in the schedule. If multiple builds or releases are planned, separate activities and milestones should be defined for each build or release. 							

	WBS	ID	Task Name	Deliverable	NID	2	002 Jeludio				u In	2003			ا م ا		2004		_
262	1.20.20.71	262	SW test plan for P7.8b	Wed 5/29/03		10]F [M]A	MJ	JA	ISIOII	יוטוי	JIFIP	ηA	<u>M</u> IJI. L			JFM	AMJ	1
263	1.20.20.72	263	P7.8b SVT TRR package	Wed 6/5/03	-									- ' †					
264	1.20.20.73	264	P7.8b SVT TRB package	Wed 6/5/03										- 5					
265	1.20.20.74	265	Review Peer Review findings 10	Tue 7/9/02					i i										
266	1.20.20.75	266	Review Peer Review findings 11	Tue 7/9/02	-				i –										
267	1.20.20.76	267	Review Peer Review findings 12	Wed 8/7/02															
268	1.20.20.77	268	Review Peer Review findings 13	Tue 9/10/02						1									
269	1.20.20.78	269	Review Peer Review findings 14	Tue 9/10/02															
270	1.20.20.79	270	Review Peer Review findings 15	Thu 10/3/02															
271	1.20.20.80	271	Review Peer Review findings 16	Thu 10/3/02						1									
272	1.20.20.81	272	Review Peer Review findings 17	Mon 2/14/05															
273	1.20.20.82	273	Review Peer Review findings 18	Mon 5/16/05															
274	1.20.20.83	274	Review Peer Review findings 19	Mon 8/15/05															
275	1.20.20.30	275	Review and Comment OFS BOEs Rev. H	Tue 8/6/02					1										
276	1.20.20.31	276	Software Test Plan for the Excalibur Operational Fl	Tue 8/13/02					- I										
277	1.20.20.32	277	Software Test Descriptions for the P7 Excalibur O	Mon 8/19/02					- I										
278	1.20.20.33	278	Review and Comment OFS BOEs Rev. I and J	Mon 9/2/02															
279	1.20.20.34	279	XM982/TCM OFS Sub-System Requirement Review	Tue 11/13/01															
280	1.20.5	280	Risk Management	Tue 11/20/01	-														-
281	1.20.5.1	281	🛨 Develop & Update Risk Management Plan & P	Tue 11/20/01	1		1	1	1		L			1	- 1	- I.		- I	
298	1.20.6	298	Measurement & Analysis	Mon 7/9/01															
299	1.20.6.1	299	🛨 Develop, Manage & Update Measurement Pla		111	1		1.1	L L	111									L.
352	1.20.6.2	352	Integrate Measurement into the Technical &		1			Г I .				11		11		1.1.1		(L.
402	1.20.6.7	402	Management Reviews		-														-
403	1.20.6.7.1	403	Senior Management Review (SMR)	Continue	_											- I.		í –	
416	1.20.6.7.2	416	BAM Project Review								I					- I			1
429	1.20.6.8	429	Submission of Lessons Learned			I					I					I			
434		434																	
435	1.20.31	435	OUTYEARS - Software Technical Tasks	Thu 3/1/01															
436	1.20.31.1	436	+ Code Analysis	Thu 3/1/01															
442	1.20.31.8	442	+ Test Analysis	Sun 9/30/01															-
445	1.20.31.9	445	Software Safety Analysis	Sun 9/30/01															-
451	1.20.31.10	451	Software Evaluation Execution and Witness	Mon 9/3/01															
459	1.20.31.11	459	Europia Functional/Physical Configuration Audit	Mon 2/3/03		1						•			l		L		- 2



Plan vs. Actual End Dates - Organization Level

Task Completion For July 2003





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