

Table A.1 - Exemplar Organizational Maturity Model

	ML	List of Processes	Minimum Set	Additional processes						
				ID	Conditions (Required or Optional)					
Basic Process Set	1	ENG.1 Requirements elicitation ENG.2 System requirements analysis ENG.3 System architectural design ENG.4 Software requirements analysis ENG.5 Software design ENG.6 Software construction ENG.7 Software integration ENG.8 Software testing ENG.9 System integration ENG.10 System testing ENG.11 Software installation ENG.12 Software and system maintenance SPL.2 Product Release	ENG.1 ENG.4 ENG.5 ENG.6 ENG.7 ENG.8 SPL.2	ENG.2 ENG.3 ENG.9 ENG.10 ENG.11 ENG.12	Required where development covers system issues and not exclusively software issues. Required where the Organization Unit is responsible for installing the software product in the customer environment. Required where the Organization Unit is responsible for ongoing maintenance and evolution of the software and/or system.					
Extended Process Sets	2	SUP.1 Quality Assurance SUP.2 Verification SUP.3 Validation SUP.4 Joint Review SUP.7 Documentation SUP.8 Configuration Management SUP.9 Problem Resolution Management SUP.10 Change Request Management MAN.3 Project Management MAN.5 Risk Management ACQ.3 Contract Agreement ACQ.4 Supplier Monitoring ACQ.5 Customer Acceptance SPL.3 Product Acceptance Support	SUP.1 SUP.2 SUP.7 SUP.8 SUP.9 SUP.10 MAN.3 MAN.5	ACQ.3 ACQ.4 ACQ.5 SUP.3	Required where external or internal suppliers of product components, services or infrastructure are involved in the development projects. Required where confirmation of fitness for use of the work products is the responsibility of the Organization Unit. Optional where the work in the Organization Unit involves agreements with stakeholders. Optional where the work in the Organization Unit involves product acceptance support.					
						3	RIN.1 Human Resource Management RIN.2 Training RIN.3 Knowledge Management RIN.4 Infrastructure PIM.1 Process Establishment PIM.2 Process Assessment PIM.3 Process Improvement MAN.2 Organization Management MAN.4 Quality Management MAN.6 Measurement SUP.5 Audit REU.1 Asset Management REU.2 Reuse Program Management REU.3 Domain Engineering	RIN.1 RIN.2 RIN.3 RIN.4 PIM.1 PIM.2 PIM.3 MAN.2 MAN.4 MAN.6 SUP.5	REU.1 REU.2 REU.3	Optional if the Organization Unit has a structured reuse program in force - the three processes are mutually reinforcing.
	5	QNT.2 Quantitative Process Improvement								