



Requirements Life Cycle Management (BABOK 3.0)



Task Name/Purpose	Inputs	Elements	Guidelines and Tools	Techniques		Stakeholders	Outputs
5.1 Trace Requirements <i>Ensure that requirements and designs at different levels are aligned to one another, and to manage the effects of change to one level on related requirements</i>	<ul style="list-style-type: none"> Requirements Design 	<ol style="list-style-type: none"> Level of Formality Relationships Traceability Repository 	<ul style="list-style-type: none"> Information Management Approach (3.4) Domain Knowledge Legal/Regulatory Information Requirements management Tools/Repository 	<ul style="list-style-type: none"> Business Rules Analysis (10.9) Functional Decomposition (10.22) Process Modelling (10.35) Scope Modelling (10.41) 		<ul style="list-style-type: none"> Customers DSME End User ISME Op.Support PM Sponsor Suppliers Tester 	<ul style="list-style-type: none"> Requirements (traced) Designs (traced)
5.2 Maintain Requirements <i>Retain requirement accuracy and consistency throughout and beyond the change during the entire requirements life cycle, and to support reuse of requirements in other solutions</i>	<ul style="list-style-type: none"> Requirements Design 	<ol style="list-style-type: none"> Maintain Requirements Maintain Attributes Reusing Requirements 	<ul style="list-style-type: none"> Information Management Approach (3.4) 	<ul style="list-style-type: none"> Business Rules Analysis (10.9) Data Flow Diagrams (10.13) Data Modelling (10.15) Document Analysis (10.18) Functional Decomposition (10.22) Process Modelling (10.35) Use Cases and Scenarios (10.47) User Stories (10.48) 		<ul style="list-style-type: none"> DSME ISME Op.Support Regulator Tester 	<ul style="list-style-type: none"> Requirements (maintained) Designs (maintained)
5.3 Prioritize Requirements <i>Rank requirements in the order of relative importance</i>	<ul style="list-style-type: none"> Requirements Design 	<ol style="list-style-type: none"> Basis for Prioritization Challenges of Prioritization Continual Prioritization 	<ul style="list-style-type: none"> Business Constraints Change Strategy (6.4) Domain Knowledge Governance Approach (3.3) Reqs Architecture (7.4) Requirements Management Tools/Repository Solution Scope (6.4) 	<ul style="list-style-type: none"> Backlog Management (10.2) Business Cases (10.7) Decision Analysis (10.16) Estimation (10.19) 	<ul style="list-style-type: none"> Financial Analysis (10.20) Interviews (10.25) Item Tracking (10.26) Prioritization (10.33) Risk Analysis and Management (10.38) Workshops (10.50) 	<ul style="list-style-type: none"> Customers End User ISME PM Regulator Sponsor 	<ul style="list-style-type: none"> Requirements (prioritized) Designs (prioritized)
5.4 Assess Requirements Changes <i>Evaluate the implications of proposed changes to requirements and designs</i>	<ul style="list-style-type: none"> Proposed Change Requirements Designs 	<ol style="list-style-type: none"> Assessment Formality Impact Analysis Impact Resolution 	<ul style="list-style-type: none"> Change Strategy (6.4) Domain Knowledge Governance Approach (3.3) Legal/Regulatory Information Requirements Architecture (7.4) Solution Scope (6.4) 	<ul style="list-style-type: none"> Business Cases (10.7) Business Rules Analysis (10.9) Decision Analysis (10.16) Document Analysis (10.18) Estimation (10.19) 	<ul style="list-style-type: none"> Financial Analysis (10.20) Interface Analysis (10.24) Interviews (10.25) Item Tracking (10.26) Risk Analysis and Management (10.38) Workshops (10.50) 	<ul style="list-style-type: none"> Customers DSME End User Op.Support PM Regulator Sponsor Tester 	<ul style="list-style-type: none"> Requirements Change Assessment Designs Change Assessment
5.5 Approve Requirements <i>Obtain agreement on and approval of requirements and designs for business analysis work to continue and/or solution construction to proceed</i>	<ul style="list-style-type: none"> Requirements (verified) Design 	<ol style="list-style-type: none"> Understand Stakeholder Roles Conflict and Issue Management Gain Consensus Track and Communicate Approval 	<ul style="list-style-type: none"> Change Strategy (6.4) Governance Approach (3.3) Legal/Regulatory Information Requirements Management Tools/Repository Solution Scope (6.4) 	<ul style="list-style-type: none"> Acceptance and Evaluation Criteria (10.1) Decision Analysis (10.16) Item Tracking (10.26) Review (10.37) Workshops (10.50) 		<ul style="list-style-type: none"> Customers DSME End User Op.Support PM Regulator Sponsor Tester 	<ul style="list-style-type: none"> Requirements (approved) Designs (approved)