WBSID	Activity / Document (the activities in light green are NOT part of the normal SEA process for a project; These activities are performed if they are requested by the customer)	% of SE work to be performed on the project	Work to be performed on this project? Enter 'Yes' or 'No'	1) If not being performed on the project, enter reason for process non-compliance 2) If being performed - Which Organization is performing	Mapping to GS Method activities, tasks, WPDs and/or DCDs
	Total Systems Engineering and Architecture on the project	115.00%			None - not in GS Method
100000	*Develop Stakeholder Requirements (Customer Baseline)*	15.00%			GS Method Activities: Evaluate Business Environment and Update Business Standards Compliance Requirements
101000	Develop a Customer / Stakeholder Requirements Baseline	6.75%			Tasks under the GS Method Activities: Evaluate Business Environment and Update Business Standards Compliance Requirements
101100	Elicit Needs	2.36%			Tasks under the GS Method Activities: Evaluate Business Environment and Update Business Standards Compliance Requirements
101200	Define Business Requirements	4.39%			Tasks under the GS Method Activities: Evaluate Business Environment and Update Business Standards Compliance Requirements
102000	Conduct BRR Review	3.00%			GS Method Activity - Establish Customer Baseline
102100	Prepare for BRR	1.20%			GS Method Task - Prepare for BRR
102200	Conduct BRR	0.60%			GS Method Task - Conduct BRR
102300	Cleanup BRR	1.20%			GS Method Task - BRR Cleanup
103100	Deliverables	5.25%			Method
103200	Create Customers Needs	1.84%			No deliverable defined, but covered by tasks under the GS Method Activities: Evaluate Business Environment and Update Business Standards Compliance Requirements
103300	Create Business Requirements Specification	3.41%			GS Method Task - Assemble Business Requirements Specification
	Total of Systems Engineering project work as defined below	100.00%			None - WBS Header
110000	*Develop System Requirements and Architecture (System Baseline)*	35.00%			None - WBS Header
111000	Plan SEA activities	1.75%			GS Method activity: Conduct Method Adoption Workshop
111100	Participate in MAW (or project planning activity) and tailor SEA WBS activities to be included in the project plan	0.88%			GS Method activity: Conduct Method Adoption Workshop
111200	Create SEMP	0.88%			GS Method task: Develop the SEMP

WBS	Description	%			GS Method Notes
112000	Define System Requirements and Architecture	15.75%			GS Method activities, including: Outline Solution Requirements, Outline Application Model and Outline Architecture Model that provide the DCDs and WPDs to be reviewed at the SRR
112100	Gather Requirements	4.73%			GS Method: Outline Solution Requirements tasks that result in the customer / business requirements (which includes WPDs: ARC 118, ARC 119, and APP 129)
112110	Gather Business Requirements	4.73%			GS Method: Gather and Categorize Requirements and other tasks that result in the customer / business requirements (which includes WPD: ARC 118)
112200	Analyze System Requirements and Define System Level Architecture	11.03%			GS Method: Outline Solution Requirements and Outline Architecture Model tasks that result in the input WPDs to the SRR
112110	Define System Level Architecture	4.41%			GS Method: Outline Application Model and Outline Architecture Model tasks that result in the architecture WPDs that reviewed at the SRR
112120	Identify/analyze System Level Functional and Nonfunctional Reqts for each Business reqt	2.21%			GS Method: many tasks that identify requirements for the DCDs: System Requirements Specification and Requirements Traceability and Verification Matrix
112130	Identify System Test Requirements	2.21%			Method during this phase
112140	Identify System Interface Requirements	2.21%			GS Method: tasks under the Outline Solution Requirements Activity: Gather and Categorize Requirements, Validate Usability Requirements, Validate Qualitative Requirements, and Validate Use Cases
113000	Conduct Reviews	5.25%			None - WBS Header
113100	Prep and Conduct SRR	5.25%			GS Method Activity Establish System Baseline
113110	Prepare for SRR	2.10%			GS Method: Prepare for SRR
113120	Conduct SRR	1.05%			GS Method: Conduct SRR
113130	Cleanup SRR	2.10%			GS Method: SRR Cleanup
114000	Documents/Deliverables	12.25%			None - WBS Header
114100	Review Customer's Business Process Flows	0.61%			GS Method - matches several tasks to validate the customer's business flows, including: Obtain or Develop to-be Process Flows, Validate Use Cases

114200	Review Customer's Scope and Objectives	0.61%			GS Method - matches several tasks, including: Gather and Categorize Requirements, Establish System Context, which validate the customer requirement WPDs, including ARC 118, ARC 119, and APP 129
114300	Create System Requirements Specification	3.68%			GS Method DCD: System Requirements Specification
114310	Create System Interface Requirements Specification	2.45%			GS Method WPD: System Requirement Specification
114400	Create Requirements Traceability and Verification Matrix	1.23%			GS Method WPD: Requirements Traceability and Verification Matrix
114410	Create System Acceptance Criteria Documentation	1.84%			GS Method WPD: Requirements Traceability and Verification Matrix
114500	Create System Level Architecture Documentation	1.84%			GS Method DCD: System/Component Architecture document
120000	***Develop Component Requirements and Architecture (Component / Application Baseline)***	**45.00%**			None - WBS Header
121000	Define Component Level Architecture and Allocate Requirements	22.50%			GS Method Activities: Refine Requirements, Refine Application Model, Design Architecture model, Create Prototype and Refine Solution that provide the DCDs and WPDs to be reviewed at the PDR
121100	Requirements Allocation	6.75%			GS Method: Refine Requirements, Refine Application Model
121110	Define Candidate Functional Architectures	1.35%			GS Method: several tasks that result in the DCD: Architectural Decisions (including Evaluate Candidate Assets)
121120	Do tradeoffs of candidate Functional Architectures	1.35%			GS Method: several tasks that result in the DCD: Architectural Decisions (including Evaluate Candidate Assets)
121130	Allocate System Requirements to Functional Architecture	2.03%			GS Method: tasks under Refine Requirements and Refine Application Model, including: Refine System Function Model, Refine Nonfunctional Requirements, Update Application Requirements that result in the WPDs: Component Requirement Specification and Requirements Traceability and Verification Matrix
121140	Define Internal & External Functional Interfaces	1.35%			GS Method: tasks under Refine Requirements and Refine Application Model, including: Update Application Requirements, Refine Interface Constraints that result in the interface requirements within the WPD: Component Requirement Specification

121150	Generate Component Traceability Matrix	0.68%			GS Method: Update Requirements Traceability and Verification Matrix
121200	Define Component Level Architecture	4.50%			GS Method: Design Application Model and Design Architecture Model tasks that result in the DCD: System/ Component Architecture Document
121210	Define Candidate Physical Architectures	1.35%			GS Method: several tasks that result in the DCD: Technical Soultion Decisions (including Evaluate Candidate Assets)
121220	Do tradeoffs of candidate Physical Architectures	1.35%			GS Method: several tasks that result in the DCD: Technical Soultion Decisions (including Evaluate Candidate Assets)
121230	Define the Physical Architecture	1.35%			GS Method: several tasks that result in the DCD: System / Component Architectural Document
121240	Define the Test Architecture	0.45%			GS Method: Activities to develop the DCD: Test Architecture
121300	Analyze and Allocate System Reqts to Components	11.25%			GS Method: Refine Requirements and Refine Application Model tasks that result in the WPDs: Component Requirements Specification and Requirements Traceability and Verification Matrix
121310	Analyze Allocated Requirements	2.25%			GS Method: many tasks that describe identifying requirements for the DCD: Component Requirements Specification
121320	Generate Detailed Component Requirements	6.75%			GS Method: many tasks that describe identifying requirements for the WPD: Component Requirements Specification
121330	Generate Component Verification Matrix	2.25%			GS Method: Update Requirements Traceability and Verification Matrix
122000	Conduct Reviews	6.75%			None - WBS Header
122100	Prep and Conduct PDR	6.75%			GS Method: Establish Component Baseline
122110	Prepare for PDR	2.70%			GS Method: Assemble Component Requirements and Architecture Documents, Inspect Requirements and Architecture documents, Prepare for PDR Review
122120	Conduct PDR	1.35%			GS Method: Conduct PDR
122130	Cleanup PDR	2.70%			GS Method: PDR Cleanup
123000	Documents/Deliverables	15.75%			None - WBS Header
123100	Create Component Level Architecture Documentation	6.30%			GS Method DCD: System / Component Architecture document

123200	Create Component Requirements Specification	4.73%			GS Method WPD: Component Requirements Specification
123210	Create Component Interface Requirements Specification	1.58%			GS Method: Part of WPD: Component Requirements Specification
123300	Update Requirements Traceability and Verification Matrix	1.58%			GS Method WPD: Requirements Traceability and Verification Matrix
123310	Create Component Acceptance Criteria Documentation	1.58%			GS Method: Part of WPD: Requirements Traceability and Verification Matrix
130000	*Develop Component Develop and Test, Integration and Test, Production Phases (Design, Test, and Production Baselines)*	**20.00%**			None - this describes SE support to future phases - not the actual work being performed by other organizations in these phases (which is what the GS Method outlines)
131000	Provide Development and Test Support	13.00%			None - this describes SE support to future phases - not the actual work being performed by other organizations in these phases (which is what the GS Method outlines)
131100	Support System Integration & Test	1.30%			None - this describes SE support to future phases - not the actual work being performed by other organizations in these phases (which is what the GS Method outlines)
131200	Support Component Development and Test	1.30%			None - this describes SE support to future phases - not the actual work being performed by other organizations in these phases (which is what the GS Method outlines)
131300	Provide Baseline Change Management	10.40%			GS Method: Support Change Management
132000	Conduct Reviews	5.00%			None - WBS Header
132100	Prep and Conduct CDR	3.00%			GS Method: Establish Design Baseline
132110	Prepare for CDR	0.60%			GS Method: Assemble functional design; Prepare for CDR Review
132120	Conduct CDR	1.80%			GS Method: Conduct CDR
132130	Cleanup CDR	0.60%			GS Method: Perform CDR Cleanup
132200	Support TRR	1.00%			None - this describes SE support to future phases - not the actual work being performed by other organizations in these phases (which is what the GS Method outlines)
132300	Support PRR	1.00%			None - this describes SE support to future phases - not the actual work being performed by other organizations in these phases (which is what the GS Method outlines)
133000	**Documents in Develop Phase**	2.00%			None - this describes SE support to future phases - not the actual work being performed by other organizations in these phases (which is what the GS Method outlines)

133100	Review Components' Design Documentation	1.00%			None - this describes SE support to future phases - not the actual work being performed by other organizations in these phases (which is what the GS Method outlines)
133200	Review Components' Test Plan Documentation	1.00%			None - this describes SE support to future phases - not the actual work being performed by other organizations in these phases (which is what the GS Method outlines)
	Bold WBSID = Initial CLAIM Labor Codes				