Table in EN 50128	Life-Cycle	Documentation (based on EN 50128)	Mapped openETCS Development Lifecycle (based on D2.3a)
A1			00 Project Plan
	Planning	1. Software Quality Assurance Plan	01 Quality Assurance Plan
		2. Software Quality Assurance Verification Report	
		3. Software Configuration Management Plan	02 Configuration Management Plan
		4. Software Verification Plan	03 Verification Plan
		5. Software Validation Plan	04 Validation Plan
			05 Planning Verification Report
	Software Requirements	6. Software Requirements Specification	07 Elaborated System Requirements & 10 Sub-System Requirement Specification & 11 Sub-System Safety Specification
			16 SW Requirement Specification
		7. Overall Software Test Specification	14 Acceptance Plan &17 SW Test Specification
		8. Software Requirements Verification Report	12 System Design Verification Report & 18 SW Specification Verification Report
	Architecture and Design	9. Software Architecture Specification	13 Sub-System Architecture Design
		10. Software Design Specification	19 SW Architecture and Design Specification
		11. Software Interface Specifications	20 SW Interface Specification
		12. Software Integration Test Specification	21 SW Integration Test Specification
		13. Software/Hardware Integration Test Specification	
		14. Software Architecture and Design Verification Report	15 Sub-System Arch. Design Verification Report
	Component Design	15. Software Component Design Specification	SW Component
		16. Software Component Test Specification	22 SW Component Test Specification
		17. Software Component Design Verification Report	26 SW Component Verification Report
	Component Implementation and Testing	18. Software Source Code and Supporting Documentation	24 SW Components
		19. Software Source Code Verification Report	26 SW Component Verification Report
		20. Software Component Test Report	25 SW Compomemt Test Report
	Integration	21. Software Integration Test Report	27 SW Integration Test Report
		22. Software/Hardware Integration Test Report	
		23. Software Integration Verification Report	28 SW Integration Verification Report
	Overall Software Testing / Final Validation	24. Overall Software Test Report	29 Overall SW Test Report
		25. Software Validation Report	30 SW Validation Report
		26. Tools Validation Report	
		27. Release Note	
	Systems configured by application data/algorithms	28. Application Requirements Specification	
		29. Application Preparation Plan	
		30. Application Test Specification	
		31. Application Architecture and Design	
		32. Application Preparation Verification Report	
		33. Application Test Report	
		34. Source Code of Application Data/Algorithms	
		35. Application Data/Algorithms Verification Report	
	Software deployment	36. Software Release and Deployment Plan	
		37. Software Deployment Manual	
		38. Release Notes	
		39. Deployment Records	
		40. Deployment Verification Report	
	Software maintenance	41. Software Maintenance Plan	
		42. Software Chang Records	
		43. Software Maintenance Records	
		44. Software Maintenance Verification Report	
	Software assessment	45. Software Assessment Plan	
		46. Software Assessment Report	

Mapped openETCS Deliverable	Work Packages	Remarks\To Do
D1.3.1 Project Guide on Quality Assurance	WP1	This deliverable is still under work. Task of Nasir Mohamed
Missing		The document will be created after D1.3.1 is done.
Document SCMP		This document can be found on the Git-Hub under the Governance Repository.
D4.1 VerificationAndValidationPlan		
D4.3.3 Verification of Tools and Process		
SUBSET 026, D2.6-9, partially D4.3.3		The deliverable needs to be identified.
Missing		(as openETCS is working to a degree on system level to separate sets of requirements should have been developed)
SUBSET 076, D4.3.1 (intermediate D4.2.1)		The deliverable needs to be identified.
partially covered in D4.3.1		The deliverable should to be created after completion of points 6. and 7.
D3.5.3 ADD Document		
D3.5.3 ADD Document		
D3.5.3 ADD Document (SCADE API)		Code-API is not of scope of functional model.
Missing		
Missing		The deliverable needs to be identified.
Potentially part of a demonstrator project		
partially covered in D4.3.1		
D3.6		
Part of D4.3.1 and D4.3.2		
Part of D4.3.1 and D4.3.2		
D3.8, Handwritten Codes		
D4.3.2		
D4.3.1		
Potentially part of a demonstrator project		
Potentially part of a demonstrator project		
Potentially part of a demonstrator project		
D4.4		
D4.4		
see remarks		Are the results of the excution application D7.3 somewhere documented?
see remarks		Are seperate release notes besides the tag-comment planned to be provided?
Planned to be part of a User Story deliverable. Task of Baseliyos Jacob		
Planned to be part of an application of User Story deliverable. Task of Baseliyos Jacob		Apply configuration management to the preparation of the EVC to comply the User Story Amsterdam-Utrecht.
Included in the User Stories + D4.4		
EVC-Configuration for Amsterdam-Utrecht		
Missing in D4.4		Information should be searched for in deliverable D4.4.
Missing in D4.4		Information should be searched for in deliverable D4.4.
D3.8		
In D4.4 or D5.3?		Information should be either in deliverable D4.4 or D5.3
Part of the development document process?		This issue should be discussed with Bernd Hekele
Part of the development document process?		This issue should be discussed with Bernd Hekele
Part of the development document process?		This issue should be discussed with Bernd Hekele
Part of the development document process?		This issue should be discussed with Bernd Hekele
Part of the development document process?		This issue should be discussed with Bernd Hekele
Part of the openETCS Foundation concept?		This issue should be discussed with Klaus-Rüdiger.
Part of the openETCS Foundation concept?		This issue should be discussed with Klaus-Rüdiger.
Part of the openETCS Foundation concept?		This issue should be discussed with Klaus-Rüdiger.
Part of the openETCS Foundation concept?		This issue should be discussed with Klaus-Rüdiger.
Internal Assessment Plan Task of Abelnasir Mohamed		
D4.5 Internal Assessment Report		