Table in EN 50128	Life-Cycle	Documentation (based on EN 50128)	Mapped openETCS Development Lifecycle (based on D2.3a)	Mapped openETCS Deliverable	Work Packages	Remarks\To Do
			00 Project Plan			
	Planning	1. Software Quality Assurance Plan	01 Quality Assurance Plan	D1.3.1 Project Guide on Quality Assurance	WP1	This deliverable is still under work. Task of Nasir Mohamed
		2. Software Quality Assurance Verification Report		Missing		The document will be created after D1.3.1 is done.
		3. Software Configuration Management Plan	02 Configuration Management Plan	Document SCMP		This document can be found on the Git-Hub under the Governance Repository.
		4. Software Verification Plan	03 Verification Plan	D4.1 VerificationAndValidationPlan		
		5. Software Validation Plan	04 Validation Plan			
			05 Planning Verification Report	D4.3.3 Verification of Tools and Process		
	Software Requirements	6. Software Requirements Specification	07 Elaborated System Requirements & 10 Sub-System Requirement Specification & 11 Sub-System Safety Specification	SUBSET 026, D2.6-9, partially D4.3.3		The deliverable needs to be identified.
			16 SW Requirement Specification	Missing		(as openETCS is working to a degree on system level to separate sets of requirements should have been developed)
		7. Overall Software Test Specification	14 Acceptance Plan &17 SW Test Specification	SUBSET 076, D4.3.1 (intermediate D4.2.1)		The deliverable needs to be identified.
		8. Software Requirements Verification Report	12 System Design Verification Report & 18 SW Specification Verification Report	partially covered in D4.3.1		The deliverable should be created after completion of points 6. and 7.
	Architecture and Design	9. Software Architecture Specification	13 Sub-System Architecture Design	D3.5.3 ADD Document		
		10. Software Design Specification	19 SW Architecture and Design Specification	D3.5.3 ADD Document		
		11. Software Interface Specifications	20 SW Interface Specification	D3.5.3 ADD Document (SCADE API)		Code-API is not of scope of functional model.
				Missing		
		12. Software Integration Test Specification	21 SW Integration Test Specification	Missing		
		13. Software/Hardware Integration Test Specification		Potentially part of a demonstrator project		The deliverable needs to be identified.
		14. Software Architecture and Design Verification Report	15 Sub-System Arch. Design Verification Report	partially covered in D4.3.1		
	Component Design	15. Software Component Design Specification	SW Component	D3.6		
		16. Software Component Test Specification	22 SW Component Test Specification	Part of D4.3.1 and D4.3.2		
		17. Software Component Design Verification Report	26 SW Component Verification Report	Part of D4.3.1 and D4.3.2		
	Component Implementation and Testing	18. Software Source Code and Supporting Documentation	24 SW Components	D3.8, Handwritten Codes		
		19. Software Source Code Verification Report	26 SW Component Verification Report	D4.3.2		
		20. Software Component Test Report	25 SW Component Test Report	D4.3.1		
A1	Integration	21. Software Integration Test Report	27 SW Integration Test Report	Potentially part of a demonstrator project		
		22. Software/Hardware Integration Test Report		Potentially part of a demonstrator project		
		23. Software Integration Verification Report	28 SW Integration Verification Report	Potentially part of a demonstrator project		
	Overall Software Testing / Final Validation	24. Overall Software Test Report	29 Overall SW Test Report	D4.4		
		25. Software Validation Report	30 SW Validation Report	D4.4		
		26. Tools Validation Report		see remarks		Are the results of the excution application D7.3 somewhere documented?
		27. Release Note		see remarks		Are seperate release notes besides the tag-comment planned to be provided?
	Systems configured by application data/algorithms	28. Application Requirements Specification		Planned to be part of a User Story deliverable. Task of Baseliyos Jacob		
		29. Application Preparation Plan		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.
		30. Application Test Specification		Included in the User Stories + D4.4		
		31. Application Architecture and Design		EVC-Configuration for Amsterdam-Utrecht		
		32. Application Preparation Verification Report		Missing in D4.4		Information should be searched for in deliverable D4.4.
		33. Application Test Report		Missing in D4.4		Information should be searched for in deliverable D4.4.
		34. Source Code of Application Data/Algorithms		D3.8		
		35. Application Data/Algorithms Verification Report		In D4.4 or D5.3?		Information should be either in deliverable D4.4 or D5.3
	Software deployment	36. Software Release and Deployment Plan		Part of the development document process?		This issue should be discussed with Bernd Hekele
		37. Software Deployment Manual		Part of the development document process?		This issue should be discussed with Bernd Hekele
		38. Release Notes		Part of the development document process?		This issue should be discussed with Bernd Hekele
		39. Deployment Records		Part of the development document process?		This issue should be discussed with Bernd Hekele
		40. Deployment Verification Report		Part of the development document process?		This issue should be discussed with Bernd Hekele
	Software maintenance	41. Software Maintenance Plan		Part of the openETCS Foundation concept?		This issue should be discussed with Klaus-Rüdiger.
		42. Software Chang Records		Part of the openETCS Foundation concept?		This issue should be discussed with Klaus-Rüdiger.
		43. Software Maintenance Records		Part of the openETCS Foundation concept?		This issue should be discussed with Klaus-Rüdiger.
		44. Software Maintenance Verification Report		Part of the openETCS Foundation concept?		This issue should be discussed with Klaus-Rüdiger.
	Software assessment	45. Software Assessment Plan		Internal Assessment Plan Task of Abelnasir Mohamed		
		46. Software Assessment Report		D4.5 Internal Assessment Report		