

Initial ADS IWG Working Document Structure

This table is derived from the ADS safety guidelines (WP.29/2024/39) and provides a further breakdown of the items identified in document ADS-01-03 as falling under the responsibility of the ADS informal working group. The table provides an initial structure for drafting a “core” working document with provisions applicable to the GTR and the UNR. Over time, the core document would evolve to adapt provisions for application under the GTR and the UNR. In this regard, this structure is a starting point that may evolve as work progresses.

The structure aims to enable a logical progression from general provisions to more detailed specifications and assessment/test provisions to further levels of detail in annexes. The structure aims to mitigate risks of “deep numbering” (i.e., para. 1.2.3.4.5.6.7.8.). Each level of detail would direct the reader to further levels of detail via cross-references.

The initial structure also aims to enable the definition of work packages to facilitate work in parallel for efficiency towards meeting the 2025 deadline for submission of the GTR and UNR proposals to the January 2026 GRVA session.

This structure will be subject to change during the course of work towards finalisation of submissions for the GTR and UNR.

	Section	Comments/content	Indicative basis in WP.29.2024/39
1.	Purpose	Transposed in working document draft	Section 2.
2.	Scope	Transposed in working document draft	Section 2.
3.	Terms and definitions	Transposed in working document draft	Section 3.
4.	General requirements	Highlight the main categories of requirements.	
4.1.	Safety Management System		Section 5.4.
4.2.	ADS performance of the DDT		Section 6, Annex 3.
4.3.	ADS interactions with user(s)		Section 7.
4.4.	Safety Assessment		Section 5.10.
4.5.	In-service monitoring and reporting		Section 8.

5.	Requirements/Specifications	Break down general requirements into specific sets of requirements.	
5.1.	Safety Management System		Section 5.4.
		Safety Policy	Section 5.5.
		Risk management	Section 5.6.
		Design and development process	Section 5.7.
		Production and deployment process	Section 5.8.
5.2	Safety Assessment		Section 5.10.
		ADS feature(s)	Section 5.10.2.
		ADS functions	Section 5.10.3.
		Safety concept	Section 5.10.4. ¹
		Safety case	Section 5.10.4.
		Virtual testing	Annex 5.
		Information Provision to Users	Section 5.10.7.
		Safety over useful life	
5.3.	ADS performance of the DDT		
		DDT performance under nominal scenarios	Section 6.4., Annex 3.
		DDT performance under critical scenarios	Section 6.5., Annex 3.
		DDT performance under failure scenarios	Section 6.6., Annex 3.
		DDT performance at ODD boundaries	Section 6.7., Annex 3.
		Minimal Risk Condition requirements	Section 6.8., Annex 3.

¹ Note: error in numbering (5.10.4. appears twice).

5.4.	Interactions between users and ADS		Section 7.
		General user-safety requirements	Section 7.5.1.
		User takeover requirements	Section 7.5.2.
		User-initiated deactivation requirements	Section 7.5.3.
		System-initiated deactivation requirements	Section 7.5.4.
		User takeover prohibited	Section 7.5.5.
5.5.	Cybersecurity and software updates management		Section 5.10.6.
5.6.	Data storage system		Section 5.10.5.
5.7.	In service monitoring and reporting		Section 5.9., Section 8.
6.	Assessment and Test Methods	General provisions describing the methods used to determine compliance with requirements. Details would be provided in annexes.	Note need to consider approaches. Build from work on requirements, handle as separate under OPI, etc.
6.1.	Audit		Section 5.
6.2.	Virtual testing (including credibility assessment)		Section 4.21.1., Annex 5.
6.3.	Track		Section 4.21.2., Annex 6.
6.4.	Real-world		Section 4.21.3., Annex 6.
7.	Annexes	Annexes are provided as needed to enable implementation of the regulation. In the first round of tasks, it might be appropriate to ask for proposals on whether we would need annexes to provide details on how items are to be fulfilled. For example, the Safety Assessment involves documenting the ADS features which involves describing the ODD	

		which arguably suggests an annex to explain how the ODD should be described.	
(-)	Additional items	Additional items to be delivered by the ADS IWG to supplement the regulations	
(-)	Recommendations	Address items relevant to overall safety outside scope of WP.29 and/or GTR/UNR such as recommendations to other groups, actors, policymakers, etc. (e.g., how to ensure fallback user awareness of responsibilities?)	
(-)	Existing regulations, directives, and international voluntary standards	Consolidated list of national/regional legislation and/or voluntary standards.	