

IWG-ADS open issues tracker**Purpose, Scope and Definitions**

Item number	Description of item, task(s) and updates	Actions and timeline for resolving	Status (open/resolved)
1	Driver definition Either define 'DDT fallback' or delete. Did FRAV define DDT fallback?	Addressed by ADS-11-10 Decision pending for occupant / user	Resolved (IWG-12)
2	Change Minimal → Mitigated. Proposed change to definition.	This seems to be closed after 8 th session of IWG.	Resolved (IWG-12)
3	Occurrence definitions (including critical occurrence) Propose to change wording from 'other vehicles' to 'other road users'. Requires updating in line with annex on critical occurrence.	The ISMR work stream will present a new definition of occurrence, which aims at simplifying the current one. To be closed by Tokyo's meeting Tokyo – ADS-08-06 – definitions for 'occurrence' and 'critical occurrence' accepted (including new definition of vulnerable road user secondary safety system')	Resolved (Tokyo)
5	'Evidence' definition Proposals to expand beyond just 'results' to include 'data'. Proposals to change 'argument' to 'claim'. (Note – example of a claim, argument and evidence would be helpful to support discussions)	Addressed by ADS-11-06	Resolved (IWG-11)
6	Type 1 and type 2 terms and definitions Require agreement on their use	Agreed to include definitions. Secretary to incorporate and review draft consolidated common provisions proposing where to use. Tokyo – Agreed to proceed. Further these definitions may be required to be used beyond UNR-ADS and GTR-ADS.	Resolved

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		This necessitates for proposing amending the RE.1 and SR.1 for Type 1 and 2.	
7	Deactivation process/procedure Inconsistent terminology	Tokyo – UK proposal for ADS/feature states accepted (ADS-08-11) [Proposal in Square brackets]	Resolved Helsinki
8	Scenarios v situations	Secretary to review draft consolidated common provisions and provide a recommendation. Tokyo – ADS-08-41 - OPI will review the consolidate document and then discuss about if definition of situation is necessary.	Resolved (IWG-12)
9	ADS users All user roles defined?	OPI – User interaction to discuss these in small groups meeting and be back in Tokyo meeting. Proposals welcome on defining various ‘ADS users’ Tokyo – ADS-08-17, ADS-08-43 discussed. OPI will discuss in group meeting and revisit the topic. Online meeting #11 document ADS-11-10	Resolved (IWG-11)
10	Proposed definitions for remote assistance and remote driving (ADS-07-03)	To be addressed by footnote (see post-deployment safety (ISMR) table below) Tokyo – ADS-08-16r1 discussed. OPI will discuss in group meeting and revisit the topic. OPI Meetings - as result of the OPI meeting and reflected in the online meeting, it was	Resolved (Not proceeding ahead)

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		decided to not have any definition, but just to mention in the documents terms remote interaction/intervention as applicable	
11	Manufacturer – Proposal for Definition	<p>Definition proposal not accepted. Discussion to be raised at the GRVA workshops.</p> <p>Tokyo –</p> <ul style="list-style-type: none"> - UK proposal to harmonise on term ‘manufacturer’ (ADS-08-10) accepted. Clear from the IWG experts that ‘manufacturer’ does not prevent a manufacturer of an ADS from being a ‘manufacturer’ (e.g. under multi-stage build) - Japan proposal 6.1.4.2 for CSMS provisions in square bracket 	Resolved (Tokyo)
12	Authority, Competent Authority clarifications	<p>Topic discussed in the ADS-IWG with the following agreement:</p> <ol style="list-style-type: none"> 1) No further action is needed in the ADS regs 2) Interpretation Doc. Will provide details about the relevant authority 	Resolved (ADS-IWG-12)
13	Nominal/critical/failure scenario definitions	<p>To keep definitions as drafted in ADS-06-04Rev.1 unless further proposals forthcoming.</p> <p>Tokyo – ADS-08-35 Definitions of Nominal, critical and failure scenarios are to be retained as original text, without square bracket.</p>	Resolved (Tokyo)
14	DDT definition and clarification that ESC and ABS systems do not conflict		Resolved (IWG-8)

Item number	Description of item, task(s) and updates	Actions and timeline for resolving	Status (open/resolved)
15	Fallback user	Proposal in square bracket Decision pending for occupant / user Also for under the ADS design	Resolved (IWG-12)

Performance of the DDT

Item number	Description of item, task(s) and updates	Actions and timeline for resolving	Status (open/resolved)
1	Careful and competent driver reference (4.1.2 ADS-06-04Rev.1) Differences of opinion over keeping text as drafted for ADS-06-04Rev.1 Not clear on how to apply this provision or whether it is a requirement ('shall') Use of 'minimise' also flagged as problematic. Consider incorporating into 4.1.1	Discussions planned in small group. OPI will revisit this point in Tokyo meeting. Tokyo = ADS 08-14 4.1.2 accepted	Resolved (Tokyo)
2	Not causing collisions (5.1.2.1 and 5.1.2.8 ADS-06-04Rev.1) Concern raised over determining cause.	Text to remain as per ADS-06-04Rev.1. To consider a footnote to add some clarification. Resolve in Tokyo. Text on footnote to be discussed with OICA/CLEPA Tokyo – ADS 08-14 5.1.2.1 Option 1 accepted 5.1.2.8 Option 2 accepted for clause deletion	Resolved (Tokyo)
3	Improvement on wordings for clause 5.1.2.5.1 Anticipatory behaviour	Text accepted as per ADS-07-21 for incorporation into next consolidated draft common provisions	Resolved
4	Not forcing other road users to take avoiding action (5.1.2.8 ADS-06-04Rev.1) Concern raised over determining 'forcing other road users...'.	Text to remain as per ADS-06-04Rev.1. To consider a footnote to add some clarification. Resolve in Tokyo. Text on footnote to be discussed with OICA/CLEPA Tokyo – ADS-08-14r1 – Option for deletion	Resolved (Tokyo)
5	Response in the event of a collision (5.1.3.2 ADS-06-04Rev.1) Actions following a collision	Text accepted as per ADS-07-21 for incorporation into next consolidated draft common provisions	Resolved
6	Responding to road safety agents after a collision (5.1.3.2.2 ADS-06-04Rev.1) and 3.25 Post collision Road safety agent instructions	Resolve in Tokyo. Text has been proposed in ADS-07-21 but insufficient time to discuss Tokyo – Proposal from ADS-08-14r1 adopted. (5.1.3.2.2 to be revisited, if needed)	Resolved (Tokyo)
7	Remote termination (5.1.4.4 ADS-06-04Rev.1) Should the provision state who has access to the remote termination capability?	Text accepted as per ADS-07-21 for incorporation into next consolidated draft common provisions	Resolved

Item number	Description of item, task(s) and updates	Actions and timeline for resolving	Status (open/resolved)
8	<p>Signalling intent to place vehicle into an MRC (5.1.6.1 ADS-06-04Rev.1) Proposal to delete as covered by 5.1.2.9 ADS-06-04Rev.1 (requirement to comply with traffic rules). NL ask for more time to consider possible MRCs</p>	<p>Requirement provisionally deleted pending NL considerations</p> <p>Tokyo – ADS-08-14r1 Proposal for deletion</p>	Resolved (Tokyo)
9	<p>Fallback to MRC in event of failure in transition control (5.1.6.3 ADS 06-04Rev.1)</p>	<p>Resolve in Tokyo. Text has been proposed in ADS-07-21 but insufficient time to discuss.</p> <p>Tokyo – ADS-08-14R1 accepted</p>	Resolved (Tokyo)
10	<p>German proposal requires discussion. The ADS shall be able to determine whether itself is unmanned when performing the DDT. The ADS shall adapt its performance of the DDT in accordance if it is unmanned.</p>	<p>Resolve in Tokyo if delegates from Germany wish to propose the requirements</p> <p>Tokyo – Discussed on proposal / draft. OPI will discuss in group meeting and revisit the topic. Later discussed in Tokyo and agreed to consider as possible phase 2 item</p>	Resolved (Tokyo)
11	<p>5.1.2.11 Collision with safety related objects</p>	<p>Tokyo – ADS-08-14r1 Revision text adopted.</p>	Resolved (Tokyo)
12	<p>ADS-08-20 (Japan) 5.1.3.1 To confirm the scope of critical traffic scenario as describes in 5.1.3.1 (Clause 5.1.3.3 added)</p>	<p>Tokyo – ADS-08-14r1 OPI will discuss in group meeting and revisit the topic.</p> <p>Online meeting #10 document ADS-09-29.</p>	Resolved (IWG-10)
13	<p>ADS-08-21 (China) 5.1.2.14 : Responding to road safety agent</p>	<p>Tokyo –ADS-08-14r1. This requirement to be added in interpretation document.</p>	Resolved (Tokyo)
14	<p>ADS-08-22 (China) 5.1.3.2: Detectable collision</p>	<p>Tokyo – ADS-08-14r1 Revision Text adopted</p>	Resolved (Tokyo)
15	<p>ADS-08-23 (China) 5.1.4.4.1 – Remote Termination of ADFS-1</p>	<p>Tokyo – Tokyo – ADS-08-14r1 Revision Text adopted</p>	Resolved (Tokyo)

Item number	Description of item, task(s) and updates	Actions and timeline for resolving	Status (open/resolved)
16	ADS-08-39 (FADS) 5.1.4.2 – Fault on ADS system	Tokyo – OPI will discuss in group meeting and revisit the topic. The point is moved to safety case section.	Resolved
17	ODD exit for type 2 features		Resolved (IWG-12)

‘Other provisions’

Item number	Description of item, task(s) and updates	Actions and timeline for resolving	Status (open/resolved)
1	DSSAD requirements Ask from IWG-ADS: <ol style="list-style-type: none"> 1) Presentation from IWG-EDR/DSSAD on the DSSAD provisions in Tokyo meeting (#8) 2) IWG-EDR/DSSAD to discuss ‘next steps’ and involve IWG-ADS experts in drafting requirements. 	Pending results of DSSAD meeting 25-27 March Tokyo – ADS-08-47 presented with rev 0 and rev 1 document of IWG-DSSAD. Helsinki - ADS-12-47, 48, and 49 tentatively agreed on. Final agreement is expected at the October in Canada, following the EDR/DSSAD IWG at the end of September.	Open
2	Cybersecurity and software updating provisions. To harmonise cyber-security and software updating requirements between GTR and UNR as much as possible whilst cross-referencing the respective UNRs for cyber-security and software updating in the UNR(ADS).	Proposal to be prepared for the September IWG-ADS meeting. Cross reference SC&A No. 1 and 9	Open
3	FADS Issue 1 – ADS features of Type 1 and Type 2 (Document ADS-07-13) Clauses 3.34 and 5.2.2.6 of ADS-06004R1	Definitions accepted in meeting #7 (NL).	Resolved (Tokyo)
4	FADS Issue 2 – Performance of the DDT and Other system (Document ADS-07-13) Clauses 3.8 of ADS-06-04 in connection to clause 2.7 of UNR 140	Proposal for Tokyo. Tokyo – ADS-08-36, ADS-08-37, ADS-08-38, ADS-08-39, ADS-08-40 proposals submitted. Accepted in principle but more work needed. Expected to be closed in Helsinki	Resolved (IWG-12)
5	FADS Issue 1 – Activation status of ADS and ADS features (Document ADS-07-13)	UK, SAE and definitions OPI to draft a proposal for Tokyo.	Resolved (Tokyo)

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		Tokyo – ADS-08-11 accepted in square brackets.	

User interactions

Item number	Description of item, task(s) and updates	Actions and timeline for resolving	Status (open/resolved)
1	Information provision to users (5.2.5.1 ADS-06-04Rev.1) Further refinement and review ordering of provisions (a) Clarification / clarity needed (e) information on ADS response (f) description of permitted transition of roles (g) general overview of NDRA (h) safety precaution and relevant information to user (i) HMI relevant information	OPI to discuss this in small user group and revisit the point in Tokyo meeting. Tokyo – ADS-08-08 accepted, with slight amendment: ‘role of drivers’ to ‘role of the driver’.	Resolved (Tokyo)
2	Mitigation of safety risk to passengers (5.2.4.3 ADS-06-04Rev.1) Needs further elaboration	Proposal being submitted to ADS-12 (Helsinki)	Resolved (IWG-12)
3	User monitoring Availability & engagement	OPI defined as Urgent and priority to resolve. Post Tokyo meeting Tokyo – ADS-08-44 accepted in principle but some further consideration and refinement of wording needed. ADS-08-46 accepted but further refinement of wording needed. Proposal being submitted to ADS-12 (Helsinki)	Resolved (IWG-12)
4	Commonality <ul style="list-style-type: none"> - Feature that allows to take over manual control - Avoidance of inadvertent activation/deactivation - Disablement of manual controls 	Discussed in user group and considered to be for the moment sufficiently covered.	Resolved
5	Interpretation of timely manner	Proposal being submitted to ADS-12 (Helsinki)	Resolved (IWG-12)

Item number	Description of item, task(s) and updates	Actions and timeline for resolving	Status (open/resolved)
6	Minimum transition time	Discussed in the user group and for the moment covered by timely description	Resolved
7	Check the deactivation definitions (ADS feature is deactivated not the entire ADS). Wording must be in line with activation definition	Done. Minor changes will be proposed in Helsinki.	Resolved (IWG-12)
8	Check wording about deactivation process & deactivation procedure	Procedure has been chosen and process has been replaced by procedure.	Resolved
9	Define occupants, users, driver, remote operations (and others?)	Online meeting #11 document ADS-11-10	Resolved (IWG-11)
10	Clause 5.2.3.3 Addition by China in clause Also Clause 5.2.2.6 revision Secretary's comments and proposed wording (Tokyo)	Tokyo – ADS-08-04r1a3 Revision document drafted during course of meeting. OPI will discuss in group meeting and revisit the topic. OPI - Proposal from FADS / user group for Helsinki on 5.2.3.3. Not clear to which req 5.2.2.6. refers Proposal agreed	Resolved (Helsinki)
11	Provision of information on maintenance	OPI to suggest a home for 5.2.4.1 (k) – see ADS-08-04r1a3	Resolved
12	Disablement of driver controls	ADS-08-13 Proposal being submitted to ADS-12 (Helsinki)	Resolved (IWG-12)
13	ADS-08-24 HMI – provision of information	Tokyo – ADS-08-24. Reword and make mandatory ('shall') Proposal being submitted to ADS-12 (Helsinki)	Resolved (IWG-12)
14	ADS-08-25 5.2.4.4 – Revision of text (For HMI explanation)	Tokyo – ADS-08-25 Original text adopted. Revision (if any) to be considered in interpretation document.	Resolved (Tokyo)

Item number	Description of item, task(s) and updates	Actions and timeline for resolving	Status (open/resolved)
15	ADS-08-45 Footnote 30 (see GRVA-20-36e) to be reinstated.	Tokyo – ADS-08-45 – Option 02 agreed.	Resolved (Tokyo)
16	ADS-08-44 Definition of Suitably engaged	Tokyo – ADS-08-44 – OPI will discuss in group meeting and revisit the topic.	Resolved (IWG-12)
17	ADS-08-46 Definition of ‘availability of fallback user’	Tokyo – ADS-08-46 – Proposal accepted.	Resolved (Tokyo)

Safety management systems and auditing

Item number	Description of item, task(s) and updates	Actions and timeline for resolving	Status (open/resolved)
1	<p>‘Without prejudice to applicable laws regarding data’ statement (6.1.5.1 ADS-07-02Rev.1) Content of text agreed. Need to find a more appropriate place for the text (perhaps ‘scope’, as per UNECE R155)</p>	<p>This general requirement is agreed, but it will be moved to another section in the future when the technical requirement will be merged with the administrative procedure.</p> <p>Chapter 4 contains a general statement.</p>	Resolved
2	<p>Clarification that SMS applies to more than a single ADS and not one SMS per ADS Text proposal for 6.1.1.1 of ADS-06-04Rev.1 in document ADS-07-03. Text as drafted may be problematic as it suggests only one SMS is possible. This item was resolved through ADS-09-28-Rev.1 at the 10th session.</p>		Resolved (10 th session of ADS IWG)
3	<p>6.1.5.6 of ADS-07-02Rev.1 ‘The manufacturer shall <u>demonstrate the capabilities</u> collect and analyse vehicle data, and data from other sources to achieve the ISMR objectives’</p>	Already discussed in the ADS IWG	Resolved
4	<p>6.1.5.5.1 of ADS-06-04 Rev.1 ‘The feedback and reports from other sources shall include at least...’</p>	This point concerns the term “ <i>at least</i> ” which added only because it was forgotten in the first consolidated version	Resolved
5	<p>SMS Section Providing safety relevant information to relevant parties</p>	<p>OPI will revisit this and be back in Tokyo Meeting</p> <p>Tokyo - Proposal of ADS-08-42 accepted. 6.1.6.2 (f) to be added.</p>	Resolved (Tokyo)
6	<p>Audit Section 6.1.2 Audit of the SMS 6.1.2.1 Review of the Safety Policy 6.1.2.2 Review of the Risk Management</p>	<p>Not a priority item. This item is expected to be addressed in ADS-12-24.</p>	Resolved (IWG-12)

Item number	Description of item, task(s) and updates	Actions and timeline for resolving	Status (open/resolved)
	6.1.2.3 Review of Design and Development, Production, and post deployment processes 6.1.2.4 Review of the Safety Assurance 6.1.2.5 Review of the Safety Promotion		
7	Audit process 6.1.3 Audit process 6.1.3.1 Initial SMS implementation/Certification audit 6.1.3.2 Surveillance 6.1.3.3 Observations and Findings	Not a priority item. This item is expected to be addressed in ADS-12-24.	Resolved (IWG-12)
8	Traceability of SMS audit The reporting of the audit of the safety management system of the manufacturer shall be performed in such a manner that allows traceability, e.g. versions of documents inspected are coded and listed in the records of the assessor.	Not a priority item. This item is expected to be addressed in ADS-12-24.	Resolved (IWG-12)
9	Review of SMS requirements and audit for inconsistencies Possible inconsistencies between SMS requirements and the audit provisions This item was resolved through ADS-09-28-Rev.1 at the 10th session.	To review and resolve inconsistencies (if any)	Resolved (10 th session of ADS IWG)
10	The safety policy shall outline... (SAE Proposal 6.1.1.1) This item was resolved through ADS-09-28-Rev.1 at the 10th session. This is also the same as item number 2.		Resolved (10 th session of ADS IWG)
11	System Description	Open item, identified in Tokyo	Open Moved to safety case and assessment
12	Proposal to insert requirements for process on scenario generation and behaviours	ADS-08-19 – to be reviewed and addressed jointly by SMS and safety case OPI OPI : Such process do not belong to safety case.	Resolved

Safety case and assessment

Item number	Description of item, task(s) and updates	Actions and timeline for resolving	Status (open/resolved)
1	Software updates (6.3.1.11 of ADS-07-02Rev.1)	See 'Other Provisions' open item No. 2	Resolved
2	Modification of safety case text based on final text from testing OPI (provisions 6.3.1.28 and 6.3.1.29 of ADS-07-02Rev.1)	Revised text will be suggested when testing group has completed work on the corresponding section	Open
3	Potential gaps identified during X-OPI harmonisation (ADS-07-20) Gathering non-testing evidence for a safety case Processes for testing Generation of testing evidence Virtual testing by assessor (<i>Reported in next section</i>) Process to choose test method	Items related to the assessment of testing section will be suggested once the testing group has completed work. New items will be considered and discussed in meetings between 7 th and 8 th session.	Resolved (Tokyo)
4	Comments on safety case section by experts during IWG-07	Items will be discussed during meetings between 7 th and 8 th meeting Tokyo – Proposals from text ADS-08-33 and ADS-08-34r1 adopted.	Resolved (Tokyo)
5	Links for safety case section to SMS	Review will be conducted and proposal prepared for the 8 th meeting Tokyo – some links addressed. Some additional links may be included via open items	Resolved (Tokyo)
6	Definition of safety case to be reviewed	Item will be discussed during meetings between 7 th and 8 th meeting Tokyo - ADS-08-07r1 accepted with Option 1 in agreement.	Resolved (Tokyo)
7	Harmonisation document	Stage 2 of harmonization will be based on documents submitted for 8 th meeting – follow-up presentation may be prepared	Open

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8	Alignment from workshop, CSOTA etc.	See 'Other Provisions' open item No. 2	Resolved
9	Proposal to insert requirements for process on scenario generation and behaviours	ADS-08-19 – to be reviewed and addressed jointly by SMS and safety case OPI Cross reference Other Provisions No. 2 Merged with DDT/scenario annex	Resolved

Assessment of the test environment (testing and credibility)**Requirements and assessment of the test environments, assessment of the safety case testing evidence and confirmatory testing**

Item number	Description of item, task(s) and updates	Actions and timeline for resolving	Status (open/resolved)
1	Use of virtual testing for confirmatory testing	<p>During the meeting held on 27/03 the group has agreed to include virtual testing as part of confirmatory testing. The next steps will concern the development of the related text (before and after the ADS-08)</p> <p>Virtual confirmatory testing has been added to the text</p>	Resolved
2	<p>Mandatory requirements for confirmatory testing Ensuring a minimum amount of testing and mandating track and real-world testing 7.3.3.2.1 and 7.3.3.3.1 of ADS-07-02Rev.1</p>	<p>To resolve whether 'shall' or 'may' for track or real-world testing.</p> <p>During the meeting held on 27/03 the group has agreed to use "shall" for real world testing, whereas it has not reached an agreement yet about virtual and track testing. The point should be closed before ADS-08</p> <p>The discussion on the point continued during ADS-12. The following solution was formulated and is pending final agreement:</p> <ul style="list-style-type: none"> - The requirement for mandatory confirmatory testing is kept in the main body of the regulation (7.3.3.1) - For the different testing pillars the requirement for either mandatory or 	Wide convergence during ADS12 but final agreement pending

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		<p>optional tests has been removed from the main body of the text</p> <ul style="list-style-type: none"> - A requirement in the approval section of the UNR has been added to have mandatory real world confirmatory testing and provisionally mandatory confirmatory track testing 	
3	<p>Location of mandatory confirmatory testing requirements Whether to keep the assessor confirmatory testing provisions in the main body of the requirements or in the ‘approvals’ section of the UNR.</p>	Not discussed	Linked to the solution agreed in Item number 2
4	Review of the current text and identification of missing parts	Tokyo – ADS-08-48 – no missing parts identified	Resolved (Tokyo)
5	Assessment of the need for higher level of details in the regulatory text (on-going)	Tokyo – ADS-08-48 – no section requiring higher levels of details	Resolved (Tokyo)
6	Development of the referenced annexes (if possible) (on-going)	<p>In the next weeks, the focus will be on the possibility to develop an annex for the Scenarios.</p> <p>Tokyo – agreement to merge annex on traffic scenarios with DDT annex. No new annexes needed for testing</p> <p>Supported the finalization of the DDT Annex and removed reference to other possible annexes</p>	Resolved
7	Establishment of the correct links with the other parts of the regulatory text (on-going)	Completed	Resolved
8	Ensuring consistency between requirements and assessment provisions (on-going)	Completed	Resolved

Post deployment safety - ISMR

Item number	Description of item, task(s) and updates	Actions and timeline for resolving	Status (open/resolved)
1	<p>Without prejudice to applicable laws on the provision of information to other authorities (6.4.2 of ADS-07-02Rev.1) Text agreed, but final location to be decided and may be in the scope of the UNR.</p>	<p>This general requirement is agreed, but it will be moved to another section in the future when the technical requirement will be merged with the administrative procedure.</p> <p>Action to be closed by May</p> <p>Tokyo – ADS-08-04r1 The topic is dependent on GRVA ADS WS. Will be actioned later.</p> <p>Chapter 4 of the ADS-12-03 includes a general statement. (ref. ADS-12-46)</p>	Resolved
2	<p>Title sections to be tidied up (minor editorial)</p>		Resolved
3	<p>Finalising occurrence definition Possibility to simplify or to reference the table of occurrences</p>	<p>See definition’s table</p> <p>Tokyo – Proposal from ADS-08-06 accepted. (3.16, 3.16.2)</p>	Resolved (Tokyo)
4	<p>‘Transfer of control’ in occurrence table Align text with terminology in regulation</p>	<p>Transfer of control will be replaced by “System-initiated deactivation of the ADS to a fall-back user”.</p> <p>Action to be closed by Tokyo’s meeting</p> <p>Tokyo – ADS-08-06 – Proposal adopted as amended during meeting</p>	Resolved (Tokyo)
5	<p>Occurrence List - Remote assistance</p>	<p>Add footnote to clarify meaning. New proposal under discussion in the ISMR works stream.</p>	Resolved (Online Session #9-11)

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		<p>Action to be closed by Tokyo's meeting</p> <p>Tokyo – ADS-06-06r1 discussed. OPI will discuss in group meeting and revisit the topic.</p> <p>Proposal submitted by OPI is accepted.</p>	
6	<p>Occurrence list – complex/emergency manoeuvres</p> <p>Proposal to add a new item in the occurrence list</p>	<p>To discuss in Tokyo and decide priority</p> <p>Tokyo – ADS-06-06r1 discussed. Proposal agreed to include in occurrence list.</p> <p>Topic reopened in the 12th ADS-IWG where it was agreed to keep the occurrence, but also to add the topic in the parking lot. (ref. ADS-12-46)</p>	Resolved (Tokyo)
7	<p>Occurrence list - Deviation of behavioural competencies of the ADS</p>	<p>New proposal under discussion in the ISMR works stream.</p> <p>Action to be closed by Tokyo's meeting</p> <p>Tokyo - ADS-06-06r1 discussed. Not to be added in occurrence list, but to keep in information template.</p>	Resolved (Tokyo)
8	<p>Assessment section 7.1.4.6(d), 7.4.1, 7.4.6</p>	<p>New proposals under discussion in the ISMR work stream.</p> <p>Actions to be closed by Tokyo's meeting</p> <p>Tokyo – Document ADS-06-06r1 - 7.1.4.6(d) provisionally agreed - 7.1.4 proposal not accepted. (</p>	Resolved (Tokyo)

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		- 7.4.6 Agreement for deletion	
9	Assessor v assessment Language review	To be decided by the ADS IWG. It applies to the entire Assessment section Tokyo – Agreement that the drafting secretary will make necessary changes during drafting of GTR and UNR	Resolved (Tokyo)
10	Annex on reporting templates: Character limit, road conditions, asterisk indicating immediate availability (consider wording of immediate)	Text under revision Actions to be closed by Finland's meeting Tokyo – Document ADS-06-06r1 - Character limit – Provisionally agreed - immediate availability wording – provisionally agreed	Resolved (Tokyo)
11	Annex on reporting templates: Confidentiality of the information reported in the occurrence (Industry request for clarification) – Medium Priority	Text under revision Actions to be closed by Finland's meeting Tokyo – OPI will discuss in group meeting and revisit the topic. Helsinki – Proposal on table. In Helsinki, it was agreed to further develop the topic in the Interpretation Document (ref. ADS-12-46)	Resolved (IWG-12)
12	Annex on reporting templates:	Text under revision	Resolved

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	Root-cause analysis in case the ADS is not at fault (Industry request for clarification) – Medium Priority	<p>Actions to be closed by Finland’s meeting</p> <p>Tokyo – agreement to add an explanation / footnote.</p> <p>Helsinki: proposal presented and agreed in the ADS-IWG (ref. ADS-12-46)</p>	
13	Annex on critical occurrence: Use of DSSAD/EDR triggers – consider ‘heavier’ vehicles (beyond M1/N1)	<p>Text under revision</p> <p>Actions to be closed by May</p> <p>Online meeting #11 document ADS-11-08</p> <p>Proposal submitted by OPI is accepted.</p>	Resolved (Online session #9-11)
14	Annex on critical occurrence: threshold in case of collision making any of the ADS features not in a safe state to continue the journey - High	<p>Text under revision</p> <p>Actions to be closed by May</p> <p>Action Closed in the 7th ADS-IWG (ref. ADS-07-23 and ADS-08-06)</p>	Resolved
15	Obligations to provide information to support scenario creation. Obligations for the Manufacturer to provide information and support authorities for generation of generalised scenarios (ITU proposal)	No action to be taken at this stage.	Resolved
16	Enforcement action Enforcement actions for authority in case of unreasonable risk (to evaluate what if these actions are within the mandate) – High Priority	<p>Check whether such provisions are suitable for UNR/GTR considering 1958 agreement provisions.</p> <p>Address post-Tokyo</p> <p>Reference to requirement 7.4.5, stands agreed. No action needed.</p> <p>General statement added in the Ch.4</p>	Resolved (No action needed)
17	Implementation of ISMR	To be discussed as part of the interpretation document	Resolved
18	Annex on reporting templates: Corrective action can require more than 30 days	Tokyo – Newly Identified open item from Tokyo meeting	Resolved (IWG-12)

Item number	Description of item, task(s) and updates	Actions and timeline for resolving	Status (open/resolved)
		Topic being discussed in OPI meeting Helsinki – Proposal on table (ref. ADS-12-46)	